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AMERICAN NURSERYMAN

The Nurseryman's Forte: To Make America More Beautiful and Fruitful

DECEMBER 1, 1943



Amelanchier Laevis

**Modern Garden Center
Propagation of Fruit Stocks
Experiences in Wartime Year
What's New in War Control Orders**

Editorial

REDUCE LIABILITIES.

Attention was called on this page recently to the fact that the current income of most nurserymen has been kept at a satisfactory level at the expense of their assets. Not only is the present demand for most kinds of nursery stock being met in some part out of inventory—that is, shrubs and trees produced over a period of several years without proportionate replacement for coming seasons—but also out of assets in the form of trucks, machinery and equipment, supplies, roads and fences and even the land itself. These are being worn out without more than the barest repairs, either because of government regulations, shortage of help or lack of supplies.

In other words, the nurseryman may be putting money in the bank which is not income, but merely liquidation of assets. He is taking money out of one pocket and putting it into the other. Maybe he is not even putting money into the bank, but taking a living and paying taxes out of the liquidation of his present inventory and other assets. He is not wholly earning a livelihood, but selling out some portion of his business.

This condition is realized by those firms large enough to employ a system of accounting which indicates costs, upkeep or lack of it, depreciation and diminution of assets.

But the small nurseryman is likely to wake up later on to the realization that he has reduced his business assets to a dangerous point, so that when the war is over, labor is plentiful and demand for landscape planting is strong, he will either lack adequate working capital or be virtually bankrupt.

Under these circumstances, first it should be realized that good business accounting demands that reduction of assets be accompanied by proportionate reduction of liabilities. That is just as important to the small operator as to the large one. In fact, it may be even more so, for he may lack land and buildings on which to raise a mortgage in an emergency.

If you have been patting yourself on the back that you did business in less volume the past year than you did in the year preceding and yet made more money, look out. If you did the same volume of business or a larger volume, yet with reduced expenses, look out twice as sharply, for

the conclusion is almost certain that you have been living in part off your assets.

Even if you do not have a book-keeping system that will permit you to prepare a balance sheet, you can take steps to reduce your liabilities to the minimum, for the sake of protecting your future. First of all, be sure that all bills and outstanding accounts are paid. This does not mean the accounts that you are obliged to meet monthly, but also those accounts that you may owe to wholesale nurserymen and which you have been in the habit of letting ride until another season was in prospect.

If ever there were a time in the history of the nursery business when it was desirable to have accounts on a current month-to-month basis, it is now. The practice of letting accounts accumulate until a settlement date at the end of the season or at the end of the year is a relic of the old farm practice which put our agricultural population into debt and bankruptcy whenever crop failures or low prices occurred. If the nurseryman or farmer is to stand on his own feet, he must be in position to finance his operations, and that means to pay his bills as they are incurred, and not to let them wait until the merchandise has been sold and collected for.

Probably today eighty or ninety per cent of the firms in the nursery business pay their bills monthly, or in accordance with specified terms, just as do businessmen in other fields. A few old firms of established credit cling to the out-of-date procedure through force of habit, though there is no reason why they should not change. The remaining are careless or improvident operators who pay their bills only when they must. This time it would be inadvisable for them to wait. Clean up liabilities now.

WIN PUBLIC GOOD WILL.

When the executive committee of the American Association of Nurserymen voted last July to establish a public relations bureau, in the executive secretary's office, to deal with complaints from the public with regard to purchases of nursery stock, response was slow, as those particularly interested in the project expected. But the far-reaching effects in public good will won by this new undertaking, scarcely noticed in the turmoil of war and its problems, will be important in these days of strong

The Mirror of the Trade

demand for nursery stock and in the postwar era.

Evidence of this appears in the following editorial, which appeared in the November 13 issue of the Rural New-Yorker, a 90-year-old farm paper with an enviable reputation for the loyalty of its large number of subscribers and the publication's solicitous interest in them:

FOR A SOUND NURSERY INDUSTRY.

The Rural New-Yorker has always done its best to expose the schemes and tricky dealings of questionable handlers of nursery stock who operate under the cloak of the legitimate nursery trade. These abuses were especially rampant a generation ago among sales organizations that capitalized on the home-loving and plant-loving instincts of many fine farm women. By means of high-pressure methods they oversold country people and pressed for payment under threat of court action. They refused to honor cancellation notices. They used sharp practices, most of them within the law.

Then there was the substitution racket, in which a dealer might substitute a worthless surplus variety for the one ordered, hoping that the substitution would never catch up with him. As it was, there were plenty of trees untrue-to-name at the time; but this practice made conditions only worse and was one of the meanest on the books.

Since those days, the tone of the nursery industry has very much improved. Through the help of Dr. J. K. Shaw and his associates at Massachusetts State College, the better nursery companies have each year had their blocks of fruit trees inspected for trueness-to-name. They have found it good business to do so. Now comes the announcement by a national organization of nurserymen, the American Association of Nurserymen, of the appointment of a committee to investigate and adjust complaints against nurserymen.

The idea is that reputable concerns are hurt by unreliable and fly-by-night operators who indulge in the old game of "skin-the-cat." A customer who has been fleeced by someone selling nursery stock often holds it against the entire industry. Accordingly, the better nursery firms, many of whom have been in business for two or three generations, want to investigate and clear up cases of injustice and bad manners to the buyer.

This is the right way to approach the problem. Nurserymen should rightly look after their own problems and set their own house in order. If they do not, the end result is always regulation and bureaucratic control. And this is an especially good year for nurserymen to get such action under way. There is a shortage of good nursery stock. There is a great demand for nursery stock. There are many new buyers. Prices are high. There is every opportunity to take advantage of the buying public. The end result can be a host of satisfied new buyers wedded to gardening, or a disgruntled lot of divorced plant lovers.

The slogan, "We must do it ourselves," still holds true. It is good to see the nursery industry operating on this basis.

AMERICAN NURSERYMAN

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The Nurseryman's Forte: To Make America More Beautiful and Fruitful

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More Than One Hundred Feet of Low Facade Parallel to the Highway Displays Merchandise

Modern Garden Center

Termed "the latest contribution to first-rate modern architecture in this country," the garden center recently erected by the Hallawell Seed Co., San Francisco, Cal., was portrayed in seven pages of a recent issue of the *Architectural Forum* magazine. Illustrations occupy the greater part of the pages, and a few of them are reproduced here through the courtesy of the *Architectural Forum*. Besides these illustrations, others depicted the architectural construction, and one

page was devoted to the reproduction of blueprint plans of the nursery slat house.

While some of the features of this modern garden center are only possible in those sections of the country having a mild climate, nurserymen elsewhere will be equally interested in the devices designed for the better display of merchandise and the easier service of customers.

Text of the article in the *Architectural Forum* accompanying these

and other illustrations was as follows:

"It is significant that the latest contribution to first-rate modern architecture in this country should be a commercial rather than a residential building. Raphael Soriano, retained by the Hallawell Seed Co. because they wanted a garden center that would look like no other nursery before it, created this design through the rational use of standard materials and with an unprejudiced approach to the problems of this type of busi-



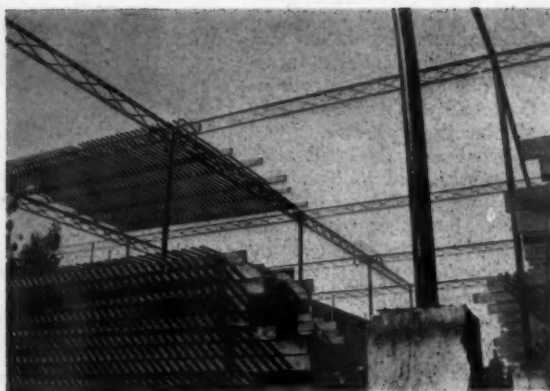
Merchandise California Nursery, Beneath Magnificent Eucalyptus Trees.

ness. Important were certain aspects arising out of the location and public attitude toward this structure.

"We lost a year," say Designer Soriano and Hallawell's President McNabb, "in battling with the planning commission and neighbors. The property is in a residential district, and it had to be rezoned. Home-owners organizations' protests and the city planning commission's rejections of numerous applications for gas stations and other commercial structures built up a stiff resistance to our petition for a permit. It took a good deal of persuasion to convince these groups that Hallawell's would beautify the corner." Today

the garden center is the pride of the neighborhood and, needless to add, is doing a flourishing business.

"Architect Soriano examined the old fixtures and the different types of stock in Hallawell's main store. From this objective research came a set of fixtures designed to function rather than conform with established practice. Says Mr. Soriano: 'Different compartments varied from some large enough to take hoes to others for seed packages ($2\frac{1}{2} \times 3\frac{1}{2}$ inches), to gallon cans and bottles for insecticides, etc. Some fixtures can accommodate baskets of tulip bulbs one season and potted plants in another. The relationship of merchandise dic-



The Welded Light Steel Frame During Erection.



View of Store Shows Building's Informality.

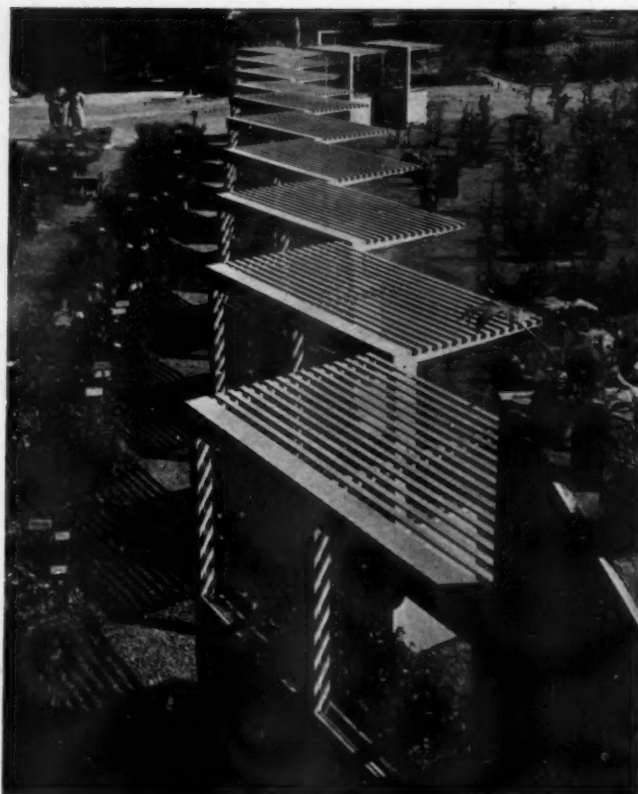


Storage Bins Hold Fifty Cubic Feet.

tated its place. It was not enough to introduce architectural neatness and orderliness—it was essential to introduce these qualities into merchandising. So I had to show the clerks how to display their wares.

"All lights were designed with different intensities of indirect illumination. This added restfulness amid the combined shouts of labels, shapes and colors.

"Plant bars," says Mr. Soriano, "were specially designed, eight feet long by thirty inches wide, topped by lath to protect young plant crates. Clear glass facing north acts as a windbreak. Each bar has generous storage space, eliminating the need of storage shacks throughout the garden. The lath-house construction of light steel allows for 12-foot spans and can take the wind load on the 250-foot glass windbreaks. These glass walls rest on floating concrete foundations, since the entire area is filled earth. The walls, prefabricated in Los Angeles, were shipped to the San Francisco site. The steel skeleton was erected in less than a week, employing one welder. All steel is painted Chinese red. The 2-inch cement on the building is treated with waterproof luminal, light gray. The south elevation and a part of the west side consist of blue glass."



In a Staggered Layout, Plant Bars Get Sun All Day.

CONTROL OF PECAN PESTS.

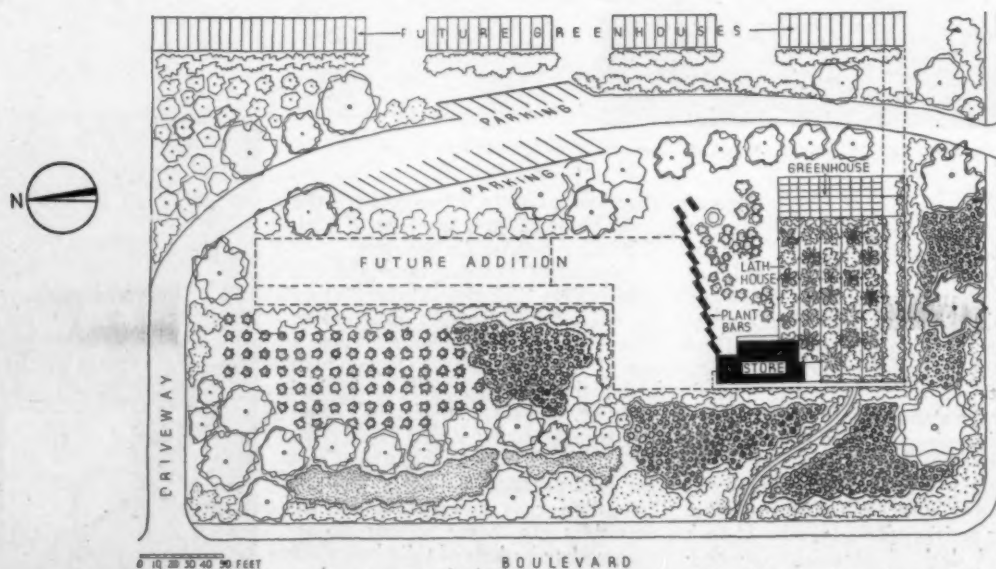
By burning all dead twigs and shucks after they have completed their harvest, growers can control two of the worst pests of pecans, the hickory twig girdler and the shuck worm.

The twig girdler lays its eggs in

the twigs and branches, which it kills and which fall to the ground. Unless these fallen twigs are raked and burned, the larvae will develop into beetles, that will attack the live wood of the trees.

The shuck worm lives in the

shucks of pecans, injuring the shuck and thereby cutting off the flow of nutrients to the nut. A poorly developed nut is the result. If all shucks are knocked off the tree and raked up and burned, these pests will be killed.



Architect's Sketch of Layout of Sales Building and Nursery of San Francisco Firm.

What's New in War Control Orders

EASE WOODEN BOX ORDER.

Shipments of ornamental shrubs and trees in new wooden boxes or crates can be made until December 25 under an amendment to limitation order L-232, which was reported in the preceding issue.

As stated in the earlier report, no procedure had been provided whereby frozen inventories could be rechanneled into more essential uses, and hence the prohibition of the use of new wooden containers or lumber on hand seemed unreasonable.

So an amendment was issued to section (c) of the order, which originally contained the proviso: "This shall not, however, restrict the shipment of any commodity listed which has already been packed on the date it was included in this table." To this sentence was added the following: "or the shipment of any listed commodity in wooden shipping containers which were in the shipper's inventory or in transit to him on the date it was included in this table, but only for a period of sixty days thereafter."

Those nurserymen who may have made appeal to the War Production Board for the release of inventories of wooden containers or box lumber, in conformity with the suggestion made previously, probably have received in response a form letter with a copy of the amended order, advising them as above.

In reference to future action, R. P. White, executive secretary of the American Association of Nurserymen, gives the following advice: "Due to the uncertainty of what will happen to the order after this 60-day period, it would be desirable for wholesalers to ship all possible orders needing wooden containers without delay. It would be desirable, for the same reason, for all retailers and others who have placed orders for spring delivery to request immediate fall delivery provided the wholesaler can handle and provided the retailer or other person has facilities to care for the stock during the winter months."

Because of the complexity of the situation, latest advices are that there will probably be further amendments to the order, in order to clarify certain points. There is still a technical question as to whether the order would refer to boxes made out of secondhand lumber. No restrictions whatever are imposed by the order on the use of used boxes.

VEGETABLE CONTAINERS.

Nurserymen who produce vegetables will be interested in the provisions of WPB limitation order L-232, restricting the use of new wooden containers for shipping some commodities. Beginning January 1, 1944, the use of wooden containers is completely prohibited for ornamental trees and shrubs and likewise for some vegetables—cabbage, green corn, dry onions, white potatoes, rutabagas and root turnips. In the case of some other vegetables, the use of new wooden containers is restricted to specific percentages of the volume packed or shipped during the base period, which is 1942. These are: Carrots, 100 per cent, cantaloupes and melons, cauliflower, celery and lettuce, eighty per cent; cucumbers and radishes, fifty per cent. The latter vegetables are those which either can be marketed in other than wooden containers or of which the War Food Administration has not asked increased production.

These restrictions apply only to new wooden containers. By the use of secondhand packages the percentage of shipments set forth in the order can be increased.

REVISE FERTILIZER ORDER.

Food production order 5, as again revised recently, still permits the victory garden fertilizer and also the specialty fertilizer for use on lawns, home grounds, shrubbery, trees, flowers, parks and parkways, malls and roadsides, cemeteries, golf courses and noncommercial plantings of trees, shrubs and flowers.

Commercial nurserymen are still allowed seventy-five per cent of the total quantity of fertilizer (in terms of nitrogen, phosphorus and potash) used for nursery stock production during either the period July 1, 1941, to June 30, 1942, or July 1, 1942, to June 30, 1943. In addition, fertilizer may be obtained for food crops now being grown by nurserymen.

Specialty fertilizer will also be available in 1944 for use on customers' premises up to fifty per cent of July 1, 1941, to June 30, 1942, production. The limitation here is on the manufacturer, not on the user. The nurseryman or landscape gardener is prohibited from using any fertilizer except specialty fertilizer on lawns, trees, shrubs or flowers planted on the premises of his customers.

These restrictions do not apply to the use of any fertilizer on hand on

July 1, 1943, for use and not for sale. Such fertilizer may be used for any purpose.

DELIVERY RESTRICTIONS.

The delivery limitations prescribed by the Office of Defense Transportation to conserve motor vehicles, tires, parts and gasoline do not apply to deliveries by bicycle, trolley, bus or foot messenger, the ODT emphasized recently. It was pointed out that some business concerns have been erroneously informed that these limitations are applicable to any mode of transportation.

The ODT warned that business concerns may not use passenger cars to circumvent the delivery limitations prescribed by the order, either as to number of deliveries or size and weight restrictions.

Wholesale delivery and retail delivery, as defined in the limitation order, apply to transportation by motor truck, passenger automobile, motorcycle, motor scooter or motor bicycle.

The term motor truck and truck are defined for the purposes of the order as either (1) a straight truck, (2) a combination truck-tractor and semitrailer, (3) a full trailer, (4) any combination thereof or (5) any other rubber-tired vehicle propelled or drawn by mechanical power or animals when used in the transportation of property.

SIMPLIFY FERTILIZER PRICE REGULATION.

In simplification of its fertilizer price regulation, the OPA last month set dollars and cents maximum prices for every grade of mixed fertilizer, superphosphate and potash whose manufacture and sale are permitted by the War Food Administration.

At the same time, through its action, OPA wiped out inequalities between various grades and between various sellers of fertilizers. These resulted from the previous method of freezing the individual prices of each seller according to those he charged during a base period.

No price changes of any real importance have been made in fixing the new price schedules. Ceilings are maintained approximately at the same average level as those which prevailed during the base pricing period in February, 1942. Last month's OPA action, however, established all prices at the consumer level

and substituted them for the former requirement that fertilizer manufacturers calculate prices on their wide variety of grades on their base period prices with percentage markups for some areas.

Each of eighteen geographical pricing areas now is supplied with a single schedule of specific dollars and cents prices and delivery requirements.

OPA found the freeze type of control, adopted in the former fertilizer regulation, under which control of maximum prices on sales by manufacturers to dealers was accomplished by dealers' margins on their sales in turn to consumers, to be both inexpedient and unnecessary. Consequently, ceiling prices set under the new regulation are all prices to consumers, whether the fertilizer is sold to them by a manufacturer or dealer. This leaves the manufacturer free to sell to dealers or through his own agents at whatever price below the specified consumer's maximum price the manufacturer and his dealers or agents may agree to.

Action was taken through the second revised maximum price regulation 135, effective after November 23 at the option of the individual manufacturer, but not later than January 1, 1944.

AVOID HOLIDAY TRAVEL.

Joseph B. Eastman, director of the Office of Defense Transportation, has requested all government agencies and all private employers to refrain from granting vacation leave or time off to employees, where travel would be involved, from December 17 through January 10.

Mr. Eastman also asked government and business to make special efforts to curtail business travel during this period, wherever such travel could be deferred without impairment of the war effort. He likewise urged government agencies to refuse all requests for government speakers at conventions or similar group meetings held between December 17 and January 10.

HARRISON'S NURSERIES, INC., Berlin, Md., will be sold at public auction December 7, 8 and 9. All holdings of the old corporation will be auctioned off at the trustees' and receiver's sales. Established in 1884 under the name of J. G. Harrison & Sons, the business was incorporated in 1929. Now the Harrison Nurseries are operated by Harrison Bros., of which G. Hale Harrison is senior partner and general manager.

In the Country's Service

LT. HERBERT C. BROWNELL, of the Brownell Rose Research Gardens, Little Compton, R. I., enlisted in the engineers and is now stationed at Fort Williams, Portland, Me.

HANS HESS, son of the owner of Hess' Nurseries, Mountain View, N. J., after finishing his college training at Tennessee Polytechnic Institute, was recently certified for further training as a pilot. He has been assigned to the southeast air command.

HAROLD E. ALDRICH, son of Clarence Aldrich, Farmington, Mich., is now in the armed forces in Italy. A son-in-law, E. H. Hughes, is a captain and provost marshal at Camp Custer, while a grandson, Robert Hughes, is in the navy gunnery school at Jacksonville, Fla. Both of Mrs. Aldrich's sons are also in service, Robert Lee being on a ship in the Pacific and Richard Lee with a bomber squadron in England.

FOUR men from the O. K. Gardens Nursery Co., Tulsa, Okla., are now in service and three others soon to enter. Pfc. Bill Sanseverino, in the air corps technical command, graduated at La Guardia Field, New York, and after two weeks at home entered the advanced engineering school at Long Beach, Cal. Pvt. Albert Sanseverino is with the Rainbow Division at Camp Gruber, Okla., Pfc. Louis E. Harris in air corps training at Fort Myers, Fla., and Pvt. Carl Stephins in the air corps in Georgia. Woodrow Sanseverino, Troy Stephins and J. F. Briscoe entered the service this month.

ONE of the first things that meet the eye upon entering the office of Jackson & Perkins Co., at Newark, N. Y., is the service honor roll with thirty-two names listed thereon. At present there are nine serving overseas, including Ralph De John, Andrew Bartucca, Louis Ippolito, Charles Perkins, Jr.; Chester Harvey, Richard Finewood, Francis Allen, Charles Cadey and Lloyd E. Case. Those still in this country are Ivan Cory, George Haney, Joseph Rank, Philip Janto, Paul Bader, Charles Mattys, Edward Cauwels, J. Logan Anderson, William Siegwald, Charles Austin, Herbert Vanderlyke, James Cheeseman, Thomas Hamelinck, Peter A. Merrelaar, Edwin Waeghe, Robert Crouse, Donald Craig, Peter De Rycke, Raymond Dunning, Ralph Langdon, Rupert Dunton, Ernest Vanderlyke and Clifford Tyler.

PALMER W. BIGELOW, JR., son of the proprietor of Bigelow Nurseries, Northboro, Mass., is a coast guard signal man first class, now in flight training at the United States naval air station at Dallas, Tex.

FRED H. KILNER, son of the editor, completed his training at Iowa City early last month and has entered on his fourth lap as a naval aviation cadet, at the naval air station at Ottumwa, Ia.

DR. ROBERT S. REICH, instructor in horticulture at Louisiana State University, who was inducted into the army last December, last month was sworn in as a warrant officer in the engineering combat battalion. Prior to his appointment at Louisiana State University, Dr. Reich was assistant instructor to Prof. Pullman Porter at Cornell University, where he attended college and received his Ph.D. degree.

SERVING in the army air forces, Sgt. Henry Bosenberg, of the Somerset Rose Nursery, Inc., New Brunswick, N. Y., is at Luke Field, Ariz., in the classification office, flexible gunnery school. Sgt. John Daschuch is with the coast artillery anti-aircraft in Virginia. Vincent Segelsky is a private first class in the army tank corps. Paul Terringer, coxswain, who has served on the U.S.S. Wyoming and on antisubmarine net layers, was badly injured accidentally, but is back in service.

THREE sons of Mr. and Mrs. E. W. Dabbs, Jr., proprietors of Oak Lawn Nurseries, Mayesville, S. C., are or have been in the armed services. The eldest, First Lieut. E. W. Dabbs III, is with a tank destroyer outfit and has been in north Africa. During August he returned to the United States on official business, but has returned overseas, probably to the same area. The second son, Second Lieut. Richard Furman Dabbs, of the marine corps, was an aviator based in the Caribbean area. He has been missing from a patrol flight over the Caribbean for over a year now and has recently been declared presumably dead by the authorities of the United States Marine Corps. The third son, Ensign William A. Dabbs, received his commission and wings at the Pensacola naval air station and is now assigned to the naval transport command at Floyd Bennett field in New York.

Experiences in Wartime Year

By C. W. Wood

As I have said before in this department, I have found it impossible, during this period of labor scarcity, to keep up the propagation of plants which normally sell for 25 cents. There is not the time, in the first place, to take care of these short-profit items and still come out on the right side of the ledger at the end of the year. I shall, therefore, devote the space this month to items which I have found profitable (they sell for 50 cents or more) and to others in the garden which could be propagated at a profit if time were available.

Three kinds of alyssum, the double-flowered form of *A. saxatile* and *A. spinosum* and its form *roseum* have long been among my favorite money-makers. They are seldom, if ever, in oversupply in the markets and, consequently, are always in great demand. The demand is fully justified, too, for they are well behaved plants, never selfsowing as so many alyssums do, and they have much to recommend them in the way of beauty. The saxatile form need not occupy much of our attention, because it is well known. It might be well to mention the fact, in case you have forgotten it, that its long season (spring until fall) of blooming is a desirable trait not to be overlooked in any plant. I find that both spinosums are rare in neighborhood nurseries that I have visited. That is not as it should be, for their mounds of silvered foliage are always attractive to gardeners, be they of the rock garden fraternity or the ordinary kind. And when the 8-inch mounds of silver are studded all over with white and light pink flowers, respectively, in June and July, they are quite irresistible. All three are perfectly adapted to the dry conditions of eastern United States, too, doing well in any well drained spot in full sun. All three are best grown from cuttings of fresh growths, taken with a heel in midsummer and rooted in a shaded outdoor frame. The soil in the cutting frame should be light (I prefer pure sand) and care must be used in watering to prevent rotting.

After all that has been said here in recent years about the named forms of *Campanula persicifolia*, it would be quite useless to go over the ground again. If you are neglecting them during these times of labor shortages and free spending,

you are surely missing a splendid opportunity. Their propagation from divisions soon after flowering and their ability to get along quite close together in frames make them a natural for the type of growing and selling in the neighborhood nursery that seems to hold most profit at this time. While thinking about the peach-leaved varieties, it would be well to give some thought to the named forms of *C. carpatica*, including *Convexity*, *Harmony*, *Loveliness*, *Queen of Somerville* and *Viscountess Byng*. Here are five kinds that one's customers are not apt to confound with ordinary seedlings. They have characters, as the extra-large flowers of *Byng* and *Somerville* and the reflexed perianth of *Convexity*, which set them apart from ordinary *carpatica* forms. And they have the looks to drag from 50 to 75 cents out of most gardeners' pocketbooks. They may also be grown from divisions, though more rapid multiplication will come from cuttings in early spring. These campanulas should be profit makers in most nurseries.

The grower who has a stock of *Dicentra formosa alba* right now is fortunate, when many gardeners have sufficient money to pay \$1.50 for a plant without having to think where the next meal is coming from. For several years I have been getting \$2.50 for my surplus stock, but recently I have seen it advertised at \$1.50; so it is getting down where the demand should be brisk. In my estimation, it is worth any reasonable price, for it is one of the most accommodating of the more or less perpetual bloomers that I know. There is a large clump here in the shade of

an apple tree that gets little attention other than an occasional sprinkling in dry weather; yet it is always a mass of pure white hearts from spring until fall, rarely with an intermission in midsummer. It is just as robust and hardy as the fringed bleeding heart and has the added advantage (and it is a decided factor in its favor) of pure white flowers. It is easily grown from divisions of the running stolons in spring, each little piece with an eye making a salable plant in one year's growth. It is good property now and will, in my opinion, continue to be a money-maker for a long time.

When one can get 50 cents or more for a plant of *Coronilla cappadocica*, as many do, there is a pretty good profit for the little work required to plant the seeds directly in the open in fall or early spring, keep them weeded for a year and dig and pack them. It adds up to the fact that it is an easy plant to handle in ordinary garden soil in full sun; that it is a good edging plant or to use in the rock garden, where it can display its yellow flowers on 3-inch stems, over glaucous foliage, in June and July, and that it is not too plentiful in the trade.

There is a form of the Chinese delphinium, known as *D. cinereum*, which should have a place in this enumeration, even though one had to sell it for a quarter, because it has such a quick turnover that price has less bearing on profits than it usually does. Seeds planted in March or early April should, if grown without check, produce blooming plants by early June, and they are so easily handled either in pots or planted out close together in frames that the labor is negligible compared with some plants. A well grown plant of this larkspur is one of the loveliest blue flowers of easy culture now in commerce. The first year it seldom is over eight or ten inches tall here in my planting in north Michigan and bears spurless flowers of a lovely bright blue color throughout most of the summer. The second and succeeding years it may get as much as eighteen inches in height and has an even longer blooming season. There may be no second or succeeding year for it, however, if it is not given a light well drained soil. Here in our light sand it is more or less of a permanent fixture, some plants now in the garden being all of 10 years old.



There are a number of pinks not mentioned in the previous issue which should fit one's wartime schedule. The ordinary kinds grown from seeds, including sweet williams and mixed plumarius, are so inexact that they might be profitable even at a quarter. In addition, we have the latifolium varieties, such as Beatrix, Furst Bismarck and Silvermine, with their summer-long blooming habit, which should be considered. Their flowers are salmon-pink, rose-pink and white, respectively. And there is Old Spice, if you are interested in patented varieties. I have written so enthusiastically about it before in this column that repetition now is unnecessary. But it might be added that recent behavior confirms the opinion expressed by someone that it is "one of the best garden flowers in a decade."

Epimediums present one of the best opportunities for profits in neighborhood nurseries that we have at the present, be it wartime or otherwise. Gardeners are so set in their ways in demanding showiness of flowers in all their purchases that it is sometimes difficult to sell them a plant no matter what its other merits may be. Tell them by the printed word and it leaves them cold; show them an actual plant of one of these epimediums, and few can resist the appeal of its lovely foliage. It might be inferred from the foregoing that foliage is their only charm, when, as a matter of fact, their flowers are not only curiously beautiful, but sometimes quite showy in forms of *E. macranthum*.

Here they have done best in about half shade in a peaty leafy soil, with some water during dry weather. I suspect they would need less attention from the hose if the soil could be made heavier. They may also be grown in full sun, but they then need more moisture and their leaves are less attractive in their bronzy tints. Their range of flower colors is quite wide, varying from the pure white of *E. niveum* through yellow, rose and lilac to red, with the flowers produced here in late May and June. The plants may be grown from divisions, which is easily accomplished by separating the creeping underground stems.

Ferns, it seems to me, present another neglected opportunity which might be taken up at this time. That opinion is based on the correspondence which passes over this desk regarding sources of supply for the less common hardy kinds. If that is a basis for sound judgment, there is a healthy demand for the kinds which should bring from 50 cents to \$1 a

WANT LIST

Please quote best prices on any of the following list of tree, shrub and vine seeds that you can furnish for fall or winter delivery. In quoting please give approximate delivery date. All seeds must be of good germinating quality, 1943 crop preferred; however, some items could be from 1942 crop if they have been properly handled. Your prompt attention will be appreciated.

Quote either clean seed or dry berries.

- | | |
|---|---|
| 20 lbs. <i>Ampelopsis Engelmanni</i> , c.s. | 15 lbs. <i>Koeleruteria Paniculata</i> , c.s. |
| 20 lbs. <i>Ampelopsis Quinquefolia</i> , c.s. | 20 lbs. Kudzu Vine, c.s. |
| 20 lbs. <i>Ampelopsis Tricuspidata</i> , c.s. | 10 lbs. <i>Laburnum Vulgare</i> , c.s. |
| 30 lbs. <i>Asparagus</i> , Assorted, c.s. | 5 lbs. <i>Liquidambar</i> , c.s. |
| (Give varieties) | 5 lbs. <i>Mahonia Aquifolium</i> , c.s. |
| 25 to 50 lbs. <i>Barberry</i> | 10 lbs. <i>Morus Alba Tatarica</i> , c.s. |
| <i>Atropurpurea</i> , c.s. | (Russian Mulberry) |
| 100 lbs. <i>Castanea Mollissima</i> , c.s. | 20 lbs. <i>Rhodotypos Kerrioides</i> , c.s. |
| 30 lbs. <i>Cercis Canadensis</i> , c.s. | 30 lbs. <i>Rhubarb</i> , Assorted, c.s. |
| 20 lbs. <i>Cercis Chinensis</i> , c.s. | (Give Varieties) |
| 10 lbs. <i>Clematis Paniculata</i> , c.s. | 20 lbs. <i>Syrax Japonica</i> , c.s. |
| 10 lbs. <i>Clematis Virginiana</i> , c.s. | 10 lbs. <i>Vitex Agnuscastus</i> , c.s. |
| 50 lbs. <i>Corylus Americana</i> , c.s. | 20 lbs. <i>Vitex Macrophylla</i> , c.s. |
| 50 lbs. <i>Corylus Avellana</i> , c.s. | 10 lbs. <i>Wistaria Magnifica</i> , c.s. |
| 10 lbs. <i>Cydonia Japonica</i> , c.s. | (American Wistaria) |
| 100 lbs. <i>English Walnuts</i> , c.s. | 20 lbs. <i>Wistaria Sinensis</i> , c.s. |
| 50 to 100 lbs. <i>Ginkgo Biloba</i> , c.s. | (Chinese Purple) |
| 20 lbs. <i>Hamamelis Virginiana</i> , c.s. | 20 lbs. <i>Wistaria Sinensis</i> , c.s. |
| | (Chinese White) |

Please quote any other varieties of Shrub, Tree and Vine Seeds you have available.

LINING-OUT STOCK

Also, quote the following list of lining-out stock in seedling or cutting grown.

- 5,000 Redleaf Barberry, Seedlings, 6 to 9 ins.
- 5,000 Redleaf Barberry, Seedlings, 9 to 12 ins.
- 5,000 Redleaf Barberry, Seedlings, 12 to 15 ins.
- 5,000 Cydonia Japonica, Seedlings, 12 to 18 ins.
- 5,000 Hydrangea A. G., lining-out, 6 to 12 ins.
- 5,000 Hydrangea A. B., lining-out, 12 to 18 ins.
- 5,000 Hydrangea P. G., lining-out, 9 to 12 ins.
- 2,000 Philadelphia Virginialis, lining-out, 6 to 12 ins.
- 2,000 Weigela Eva Rathka, lining-out, 6 to 12 ins.
- 5,000 Ampelopsis Tricuspidata, Boston Ivy, 1-yr., No. 1.

In placing orders for this material preference will be given to those who can use some stock from us in exchange. Please state if you can use any stock in exchange from us. See our Fall Wholesale Trade List for prices on a general line of ornamental nursery stock. List will be mailed on request. Send want list for quotation.

FOREST NURSERY COMPANY, INC.

McMinnville, Tennessee

plant. The subject is too broad to be covered in these notes, but luckily for interested growers there are some good books which treat ferns at more length than could be covered in several issues.

If you have overlooked geums, may I recommend the lesser known ones, such as *G. Gladys Perry*, *G. borisi*, the double-flowered form of Leonard's variety of *G. rivale* and *G. Waights Brilliant* among the dwarf evergreen kinds and the new named forms of the border varieties. I have noticed an ever-increasing demand for geums since the introduction of the improved hardy varieties and find them one of my most profitable items. Under good care, which includes some shade and plenty of moisture here, they increase so rapidly that the going prices on new forms represent a handsome profit. Try the bright orange-scarlet of *Waights Brilliant* and the semidouble orange-yellow *Gladys Perry* for your rock garden customers and kinds

such as *Red Wings*, *Rijnstroom* and *Wilton Ruby* among the taller ones for a filip to your bank account.

All that was said as to profits and ease of increase about geums could be repeated when we reach the new varieties of heuchera. While both plants may be increased by division (and that is the accepted way with geum), heucheras are perhaps best grown from leaf cuttings. Select fairly well ripened leaves in summer and pull them off the plant with a heel so as to be sure to get the bud at the base of the leafstalk. These, planted in a shaded frame, should root nearly 100 per cent. They should then be wintered in a protected frame to prevent heaving and may be planted out the following spring. There is a host of good new kinds, including *Perry's White*, *Queen of Hearts* and *Pink Pearl*.

Although rather slow of increase unless one gives them special care during the growing season, the rarer kinds of hosta still represent good

Japanese Yew (*Taxus*)**3-oz. can - \$1.00****1-lb. can - 4.00**

(One pound makes 160 to 1600 gallons of solution for transplanting.)

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LOSSES AND TO LENGTHEN
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Nurserymen Are Finding That

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is invaluable today in helping to cut down operating costs and to maintain a high volume level.

By using TRANSPLANTONE on all plants when they are moved, you can reduce your losses to the very minimum—especially in unfavorable seasons.

Just soak the soil around the roots of the newly moved plant with TRANSPLANTONE solution. With bare-root plants, nurserymen are getting excellent results by soaking them in a barrel of TRANSPLANTONE solution overnight before planting.

Treat broad and narrow-leaf evergreens, deciduous trees and shrubs with TRANSPLANTONE solution for reducing loss and promoting strong, vigorous growth right through the season. The treatment will not interfere with proper hardening of the wood before winter.

AMERICAN CHEMICAL PAINT COMPANY
Horticultural Division A-57 Ambler, Penna.

money to the neighborhood grower. If I were asked for recommendations, they would include the following: *H. fortunei robusta*, because of its bold masses of glaucous leaves which are overtopped with racemes of pale lilac flowers during July and August; *H. lancifolia undulata*, for its white-margined leaves, and a form known as *H. minor alba*, for its racemes of small white flowers for close to two months in early summer. The hostas are all interesting plants, attractive to gardeners if well grown. Good growth is only possible in rich soil—rich not only on the surface, but down for a foot or more. Propagation is by division or, for the species, by seeds sown as soon as ripe.

I should include some of the *lewisias*, because there is a good demand for them at good prices, though some growers may find them too difficult. *Lewisia rediviva* is so easy here in our light soil that I sometimes think it should be equally foolproof everywhere. I believe, too, that it would be just as easy anywhere if given the following treatment: Full sun in a light soil, well drained to the depth of a foot or more. Pure gravel (small) with enough leaf mold in it to provide nourishment should answer the purpose. The plant is said to grow in heavy soil in parts of its range, but it has not responded to

that treatment here. Its large stemless flowers (bright rose-pink to white) sell it on sight. *Lewisia* is as easy to grow from seeds as radishes, sown thinly where the plants are wanted, as it behaves here.

F. A. WIGGINS, Seattle, Wash., representing Oregon and Washington nurserymen, is on his annual trip to the Atlantic seaboard, having completed a circuit of the central states.

ACCORDING to the 1943 report of the Florida nursery inspector, there were 1,843 nurseries in operation, 128 fewer than the year before. Citrus fruit trees occupied 1,600 acres of the nurseries inspected. Total non-citrus acreage was approximately 3,000, with about 2,500 acres planted to ornamentals.

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New Spreading Evergreen

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**FAIRVIEW EVERGREEN
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Fairview, Pa.

PURCHASES of fertilizers and other bulky supplies should be made early and stored for use next year. Transportation facilities are sure to be overcrowded in the spring, and delays in shipment may be unavoidable.

Propagation of Fruit Stocks

TWO WAYS TO PROPAGATE DWARF APPLE STOCKS.

By J. K. Shaw,
Massachusetts State College.

There is evidently a shortage of semidwarf and dwarf apple trees. This is because the rootstocks are scarce. Such rootstocks are propagated by layering, and it takes two or three years to establish a stock bed and bring it into production. It will be several years before a sufficient supply of dwarfing stocks can be made available if layering is the only method of producing them.

There are two other ways of producing dwarfing stocks, and they may be utilized if they are thought to be economical. Stocks may be grown from root cuttings and by the nurse-root method. Some have tried to propagate them by stem cuttings, but results have not been satisfactory.

Most dwarfing stocks will grow from root cuttings, though it may take two years to produce stocks large enough to bud. It will not greatly harm 2-year budded trees on dwarfing stocks if each is robbed of a few root cuttings. The growth of a tree newly planted in the orchard will be pretty good if the roots have been shortened by taking a 3-inch or 4-inch cutting from those that are large enough. The cuttings may be handled in the usual way and planted with the top at the surface of the ground. Of course, a source of roots of known identity is necessary.

Another way is to make whip grafts, using seedling roots and the desired stock as a scion, known as the nurse-root method. These are handled in the usual way, planted with the top of the scion near the surface of the soil. As soon as they have made three to five inches of growth, they should be hilled up to favor rooting. A second hilling may be necessary. The basal three to five inches of the shoot should be covered. Roots will often grow from the scion, but they develop better from the new growth. After one season's growth, the grafts are dug, the seedling root is removed and the rooted scion is lined out for budding. Grafts that failed to root the first season may be replanted if thought worth while.

These two methods are rather cumbersome and more expensive than mound layering, but may be worth while in the present situation.

One should be sure of the identity of the stock used for root cuttings, for the rootstock of a dwarf tree, like the doctor's failures, is buried and the identity of it may be lost until the behavior of the tree in the orchard suggests that something is wrong. Even then it may be impossible to be sure about it, for the growth and performance of dwarf trees are greatly influenced by soil and other environmental conditions.

The various dwarfing and semi-dwarfing rootstocks can be identified in the nursery row before they are budded, just as our named varieties can be identified. Good growth of the rootstocks is necessary if identification is to be certain. Any nurseryman propagating dwarfing stocks should see to it that they are all true to the stock name or number before they are budded.

QUINCE PROPAGATION.

By J. H. Busé.

In the year 1882, after having received his training in Holland, my father, being in his teens, went to Orleans, France. He found that form trees on quince were very popular. The style of the French gardens, surrounded with walls, was the main reason why people demanded slow-growing but fast-producing form trees. Already at that time the

French nurseryman budded certain varieties of pears on quince and it became so popular that the name of Angers quince was born.

Among the Angers quince, however, were many varieties. In fact, nearly every nurseryman had six or seven different strains in one field. In 1926 a few of the leading Dutch nurserymen decided to bring order out of the confusion of the Angers quince strains. They finally selected three of the best strains and marked them with the letters A, B, C. From that moment on, the leading French and Dutch nurserymen propagated from those three Angers strains. After a few years it proved that A was the strongest-growing strain. This strain gives long, strong branches. B was dropped, as it was not hardy enough and far too slow a grower. C, while not a fast-growing strain, is sufficiently so to produce excellent trees. The growth of this type is half dwarf with a lot of thin branches. In short, A and C, both being Angers quince strains, were kept.

The reason why I write this article is that I recently discovered that in the United States quince is propagated from a straight cutting. This is strange to me. When in 1882 my father went to France, the nurserymen there made quince cuttings with a heel, and when I worked in France, in Angers as well as in Orleans dur-

A Few Items from JEWELL Offerings

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Green Ash, Caragana Arborescens, Chinese Elm, Hackberry, Ginnala Maple, European Mountain Ash, Black Walnut.

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Green Ash, European White Birch, American White Birch, Hopa Crab, American Elm, Moline Elm, Hackberry, Silver Maple, Prunus Newport, Prunus Triloba.

ORNAMENTAL SHRUBS

Red Leaf Barberry, Red Twig Dogwood, Cotoneaster Acutifolia, Golden Elder, Forsythia Ovata, Forsythia Zabeli, Persian Lilac, Common Purple Lilac, Dwarf Ninebark, Tamarix Hispidia, Alpine Currant, Highbush Cranberry.

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Azaleas, Rhododendrons, Taxus, Junipers, Lilies, Maples, Dogwood and other items in listing-out and smaller specimen sizes. For complete line look up your February 15 or March 1, 1943, issue.

SEABROOK FARMS

Bridgeton, N. J.

Ask for our latest price list.

ing 1925 to 1927, they still propagated quince from cuttings with a heel, and they did so because quince needs a piece of 2-year-old wood in order to form roots quickly. The percentage of misses never exceeded two per cent and more often you will find 995 growing out of 1,000. The size of the cuttings is preferred to be approximately four to six millimeters.

Angers quince was believed not to be hardy enough for Canada. However, the type of strain which I have imported from Angers and which has been under observation for five years proves to be very hardy. Last winter, for instance, peach trees were frozen by the thousands in this district (Leamington, Ontario) with temperatures below zero, but this strain of quince came through without a single loss.

There is nothing easier to grow than quince, but the cutting has to be made with a heel.

REPORT REDUCED CROPS OF PENNSYLVANIA FRUITS.

Autumn crop reports from Pennsylvania show a great lessening of yield in most fruits when compared with reports of a year ago, according to statements from the state agricultural department.

In the Erie grape belt the fruit ripened well in September and October, but cool weather interfered with the early crop. Late rains in September helped the growth and the clusters were large and of good quality. However, in comparison with the 1942 crop, the yield this year will be nearly 6,000 tons short, and more than 2,000 tons under the 10-year average of 1932 to 1941.

The commercial apple crop was estimated in early October as about forty-five per cent of normal, and sixty-three per cent of the 8-year average of 1934 to 1941.

The yield of peaches in the Keystone state was considerably less than the 10-year average, and about one-half million bushels less than in 1942.

The pear crop was about 180,000 bushels, considerably less than half of the 1942 yield. Because of hot, dry weather during the late spring and early summer the fruits were smaller than usual, and many orchards failed to produce enough fruit to pay for picking. E. F. R.

THE worst snowstorm since November, 1940, is reported by Paul H. Peters, at Peters Evergreen Nursery, Sherburn, Minn. For four days no traffic and no mail came through.

PLANT NOW

and keep up your stock.

You will probably be too busy next spring.

SEEDLINGS

	100	1000
Abies concolor, 4 to 6 ins.....	\$4.00
Abies fraseri, 4 to 6 ins.....	3.00	\$25.00
Picea canadensis, 4 to 6 ins....	3.00	25.00
Picea excelsa, 6 to 8 ins.....	4.00	35.00
Picea excelsa, 6 to 8 ins., tr. 6.00	50.00	
Picea glauca albertiana, 3 to 4 ins.....	3.00	25.00
Picea pungens glauca, 6 to 8 ins.....	3.00	25.00
Picea pungens glauca, 8 to 10 ins., tr.....	10.00	90.00
Pinus mughus, 4 to 8 ins.....	5.00	40.00
Pinus nigra (austriaca), 8 to 10 ins.....	4.00	35.00
Pseudotsuga douglasii, 6 to 8 ins.....	3.00	25.00
Syringa vulgaris, 10 to 15 ins.....	4.00	35.00
Thuja occidentalis, 6 to 8 ins., tr.....	6.00	50.00
Thuja orientalis, 10 to 12 ins., tr.....	6.00	50.00
Tsuga caroliniana, 3 to 4 ins. 4.00	35.00	

CUTTINGS

From 2½-inch pots.

\$12.00 per 100, 500 or over at \$10.00

per 100.
 Ilex crenata bullata.
 Juniperus depressa plumosa.
 Juniperus horizontalis Bar Harbor.
 Juniperus hibernica.
 Juniperus excelsa stricta.
 Juniperus pfitzeriana.
 Juniperus sabina.
 Retinospora plumosa aurea.
 Taxus cuspidata.
 Taxus cuspidata nana.
 Taxus intermedia.
 Taxus media hicksi.
 Taxus cliforti.
 Taxus repandens.
 Thuja occidentalis compacta.
 Thuja globosa.

GRAFTS

1-year from 2½-inch pots.	10	100
Cornus florida rubra.....	\$3.50	\$32.50
Juniperus columnaris glauca. 3.50	32.50	
Juniperus chinensis neoboriensis.	3.50	32.50
Juniperus squamata meyeri.	3.50	32.50
Juniperus virginiana burki.	3.50	32.50
Juniperus virginiana canaerti.	3.50	32.50
Juniperus virginiana glauca... 3.50	32.50	
Juniperus virginiana keteleeri.	3.50	32.50
Juniperus virginiana kosteriana.	3.50	32.50
Juniperus virginiana schotti.	3.50	32.50
Juniperus virginiana pyramidiformis.	3.50	32.50
Thuja orientalis aurea nana. 2.75	25.00	

HESS' NURSERIES

Mountain View, N. J.

OBITUARY

L. J. Wesely.

L. J. Wesely, president and owner of the Owatonna Nursery Co., Owatonna, Minn., died on the morning of November 21 after suffering a paralytic stroke six days before, which followed a minor illness confining him to the Owatonna City hospital for five weeks.

Born on the family farm, November 15, 1872, Mr. Wesely was the son of pioneer settlers who had come to this country from Bohemia. One of eleven children, he is survived by four brothers and two sisters, besides his widow and his daughter Venita.

After employment in an Owatonna department store and operating his own retail business for a time, Mr. Wesely became associated with the nursery business first as a salesman for the Cashman Nurseries and later for the Mitchell Nursery Co. Thirty-five years ago he established his own business, which became one of the most successful in the northwest. His four farms totaled 570 acres.

Known not only for his aggressive leadership, though he was personally quiet and mild in manner, but also for his integrity, Mr. Wesely was active in trade and civic affairs. He was twice president of the Northern Retail Nurserymen's Association and long a member of the Minnesota State Nurserymen's Association and the American Association of Nurserymen. He served as mayor of Owatonna for two terms and for four years as alderman. The city park system was improved by his contributions of trees and shrubs. He was a charter member of the Owatonna Federal Savings & Loan Association and served as chairman of the finance committee for a number of years. He had been director of the Security Bank & Trust Co. for several years.

Funeral services were held November 24 at the Sacred Heart church at Owatonna, which were attended by a throng of friends.

William E. Spencer.

William E. Spencer, of the Spencer Landscape Co., Springfield, Ill., died suddenly November 6, after a heart attack. He was 66 years old. He had been in good health and was at work in the office of the nursery on the morning he was stricken.

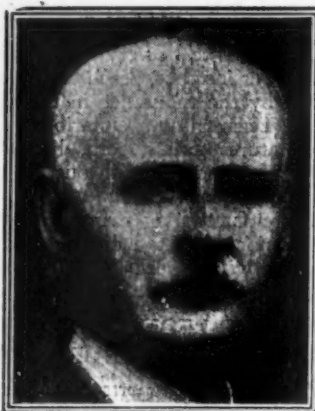
Mr. Spencer became associated with his son, Elmer G. Spencer, in

the business at Springfield about ten years ago. He was a veteran of the Spanish-American war.

Funeral services were held at Vir- den, Ill., November 8. Besides his son, the deceased is survived by three daughters.

Robert H. Bender.

Robert H. Bender, for twenty-five years owner of the Boxly Nursery, Chestnut Hill, Philadelphia, Pa., died November 7 at the Chestnut Hill



L. J. Wesely.

hospital, after a long illness. He was 70 years old. He specialized in growing boxwoods and developed a variety of grass in use on several greens at the Sunnybrook Golf Club, Flourtown, Pa.

Funeral services were held November 12 at the home. Surviving are

his widow, Anna; three brothers, and one sister.

R. C. Bancroft.

Robert C. Bancroft, of the Valley of the Moon Nurseries, Sonoma, Cal., died suddenly October 6. He had been attending a convention in the southern part of the state and suffered a heart attack at Fullerton, Cal., while waiting for a bus. He was 78 years old.

Mr. Bancroft was formerly the Sonoma agent for the Railway Express Agency, Inc. Funeral services were held October 11, under the auspices of the Masonic lodge. He is survived by his widow, Kate; a daughter, Dorothy, Sonoma, and a son, Ernest, Sacramento, and two grandchildren.

Corp. John Bernard Nagle.

Corp. John Bernard Nagle, Dansville, N. Y., died November 16 in Gardner General hospital, Chicago, following an illness of several months. He was 32 years old.

Corporal Nagle had been associated with his father in the nursery business at Dansville, until the latter's death, after which he carried on alone. He enlisted in the army air forces in June, 1942, and received his primary training at Jefferson Barracks, Mo., and Kansas City. He was later transferred to Maxwell Field, Montgomery, Ala., and then to Malden, Mo., where he was taken ill. He was removed to Kennedy General hospital, at Memphis, Tenn., where he underwent a major operation,

LINING-OUT EVERGREENS

	Per 100	Per 1000
Mugho Pine, 2 to 4 ins.....	\$4.00	\$30.00
Mugho Pine, 4 to 6 ins.....	6.00	50.00
Mugho Pine, 6 to 8 ins.....	7.00	60.00
Austrian Pine, 4 to 6 ins.....	4.00	35.00
Austrian Pine, 6 to 8 ins.....	5.00	42.00
Scotch Pine, 2 to 4 ins.....	2.00	15.00
Scotch Pine, 4 to 6 ins.....	3.50	25.00
Douglas Fir, 2 to 4 ins.....	2.00	15.00
Douglas Fir, 4 to 6 ins.....	2.50	20.00
Black Hill Spruce, 2 to 4 ins.....	2.50	20.00
Black Hill Spruce, 4 to 6 ins.....	4.00	35.00
Black Hill Spruce, 6 to 8 ins.....	5.00	42.00

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We Offer—**For Spring 1944**

EVERGREENS—in a large assortment of **PYRAMIDAL ARBOR-VITAE**, **PFITZER JUNIPER** and **YEW**s in grades at attractive prices. **SOME LARGE SPECIMEN EVERGREENS**, **SHRUBBERY**, **SHADE TREES**, **BARBERY** 3-yr. transplanted, both red and green in grades.

CALIFORNIA PRIVET, 2-yr. in grades.

APPLE, 11 to 14 ins. to 1½-inch caliper, 3 and 4-yr. budded trees, good assortment.

Mail want list for prices.

THE WESTMINSTER NURSERIES
Westminster, Md.

100,000 YEW SEEDLINGS

The last for many a year. 95% true upright, collected in pure forest stands in Japan. Now 3 to 5 inches, beginning to branch (see photo) heavier than ordinary.



\$4.00 (100), \$33.00 (1000).
(Case of 3000 for \$89.00)

Also 10,000 Hemlock bushy transplants, \$11.00 per 100, \$100.00 per 1000. Other items as well.

KELSEY NURSERY SERVICE
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Rhodos
BOTH NATIVE
AND NURSERY GROWN
KALMIA AZALEAS
Hemlocks and Pieris
La Bars'
STROUDSBURG PA.

AMERICAN HOLLY

Berried Specimens
4 to 12 ft.

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Easton, Md.

**Get to know Leghorn's for your
QUALITY EVERGREENS**

Write for our prices on
First-class Nursery Stock
from liners to landscape specimens.

We specialize in Evergreens.

Leghorn's Evergreen Nurseries

Cromwell,
Conn.

**CLEMATIS and
ORNAMENTAL VINES**

Write for Trade List.

JAMES I. GEORGE & SON
Fairport, N. Y.

UNDERSTOCKS

Juniper virginiana, transplant seedlings, *Picea excelsa*, transplants, *Thuja occidentalis*, transplants.

Write for attractive prices.

RHODE ISLAND NURSERIES
Newport, R. I.

from which he was convalescing when he made his last visit to Dansville, in September.

He was a member of Dansville council 785, Knights of Columbus, and the Holy Name Society of St. Patrick's church, where services were held November 19. He is survived by his mother, Mrs. Vinetta Nagle Smyth, Chicago; four sisters, and four brothers.

William S. Rose.

William S. Rose, veteran nurseryman and resident of Red Bank, N. J., for over fifty years, died November 10 at the Monmouth Memorial hospital, Long Branch, where he had been a patient for only two hours. He was 76 years old. Survivors include his widow, Mrs. Margaret Wachtel Rose; ten sons, six daughters, a brother and thirteen grandchildren.

Lawrence J. Huschle.

Lawrence J. Huschle died November 9 at Plainfield, N. J., where he had conducted a landscaping and nursery business for fifteen years. He was 44 years old. During World War I, he served in the army. For the past fifteen years he had conducted the Garden Mart, at Plainfield. Besides his father, he leaves two brothers and a sister.

ILLINOIS PLANTING STOCK.

Inventory of planting stock at Illinois state forestry nurseries indicates that there will be 3,500,000 trees available for distribution during this fall, 1943, and next spring. Seven species of hardwood seedlings, nine species of conifer seedlings and four species of transplant stock appear on the available stock list.

Because of the increased cost of packing materials and nursery labor, a slight increase in the price of reforestation stock was necessary. All hardwood and conifer seedlings are available at \$5 per thousand and the cost of transplanted stock has been increased to \$10 per thousand. All prices quoted are F.O.B. either the state tree nursery in Mason county, near Topeka, or the state tree nursery in Union county, near Jonesboro.

The planting stock produced by the Illinois division of forestry nurseries can only be used for reforestation, erosion control, wild life development and field windbreaks. It cannot be used for ornamental purposes of any kind, including farmstead windbreaks, and it cannot be resold at any time with roots attached.

RHODODENDRON HYBRIDS.

Grafted, hardy varieties only.

AZALEA KAEMPFERI HYBRIDS.

Named varieties; the hardiest of all Azaleas for landscape work.

KOSTER'S BLUE SPRUCE.

Perfectly shaped; transplanted.

EUROPEAN BEECH.

Fine specimen. Also fastigiata, pendula, Riversii.

LILACS.

The best collection of choice varieties.

FLOWERING JAPANESE CHERRIES.

Three outstanding varieties.

CRAB APPLES.

Young, thrifty plants, selected varieties.

LABURNUM VOSSI.

Grown in standard form.

BAGATELLE NURSERY

Huntington Station, L. I., N. Y.

P. M. Koster, Mgr.

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"A friendly, efficient sales service"**E. D. ROBINSON****SALES AGENCY**

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WALLINGFORD, CONN.

Representing

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Bristol Nurseries, Inc.
Barnes Brothers Nursery Co., Inc.
North-Eastern Forestry Co., Inc.
A. N. Pierson, Inc.

A complete line of well grown hardy plant material
Evergreens and Lining-out Stock

PRIVET and BERBERIS

Splendid Stock

Write for Special Quotations

LESTER C. LOVETT

MILFORD

DELAWARE

SEEDS

TREE AND SHRUB
PERENNIALS

HERBST BROTHERS

92 Warren St.

New York 7, N. Y.

**Nursery Stock at
Wholesale Only.**

**ARTHUR DUMMETT**

61 W. Grand St.

Mount Vernon, N. Y.

EVERGREEN LINERS

Taxus, many varieties.
Juniper and Spruce grafts
seedlings and transplants.
Ask for our latest price list.

HEASLEY'S NURSERIES

Freeport Road.

Butler, Pa.

Please mention the
AMERICAN NURSERYMAN
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Coming Events

ON THE CALENDAR.

December 6 and 7, 1943, Minnesota State Nurserymen's Association, Lowry hotel, St. Paul.

December 7, Western Pennsylvania Nurserymen's Association, annual meeting, Webster Hall hotel, Pittsburgh.

December 8, Northern Retail Nurserymen's Association, Lowry hotel, St. Paul.

January 4 to 6, Western Association of Nurserymen, Kansas City, Mo.

January 7 and 8, Iowa Nurserymen's Association.

January 7 and 8, Oklahoma State Nurserymen's Association, Oklahoma City.

January 9 and 10, executive committee, American Association of Nurserymen, Hotel La Salle, Chicago.

January 10, Georgia State Nurserymen's Association, Athens.

January 11 to 13, Illinois State Nurserymen's Association, Hotel La Salle, Chicago.

January 14, New York State Nurserymen's Association, Rochester.

January 18 and 19, Indiana Nurserymen's Association, Indianapolis.

January 20 and 21, Ohio Nurserymen's Association, Deshler-Wallick hotel, Columbus, following short course at Ohio State University, January 18 and 19.

January 26, New Jersey Association of Nurserymen, Hotel Stacy-Trent, Trenton.

January 27 and 28, Michigan Association of Nurserymen, Detroit.

February 1 to 3, New England Nurserymen's Association, Hotel Statler, Boston.

February 2 and 3, Wisconsin Nurserymen's Association, Milwaukee.

February 9 and 10, Pennsylvania Nurserymen's Association, Warwick hotel, Philadelphia.

Holman hotel on Sunday evening, January 9. President Charles N. Morse hopes that every member of the association will attend and invites other nurserymen of the state, as well as persons in affiliated fields.

NEW JERSEY PROGRAM.

The annual meeting of the New Jersey Association of Nurserymen will be a one-day affair, to be held Wednesday, January 26, at the Hotel Stacy Trent, Trenton. The following program for the sessions is announced by the secretary, P. P. Pirone:

JANUARY 26, 10 A. M.

Arthur Levick, president, presiding.

Reports of officers and committees.

"Vegetable Variety Situation for 1944," by L. G. Schermerhorn, head, vegetable production department, Rutgers University.

"The Nursery Industry and the Postwar Period," by L. C. Chadwick, Ohio State University.

"Greenhouse Tomato Production," by O. W. Davidson, department of horticulture, Rutgers University.

JANUARY 26, 1:30 P. M.

Russell Jacobus, presiding.

"Vegetable Marketing Problems," by K. R. Slamp, New Jersey extension service.

"Comments on the Times," by Frank S. LaBar, Stroudsburg, Pa.

"The A. A. N. in Wartime," by R. P. White, Washington, D. C.

War bond awards to Laura Edna Van Nuys, Neshanic, N. J., and James Simpson, McKee City, Atlantic County, for out-

standing achievement in 4-H Club food production and conservation program.

Presentation of citations for distinguished service to P. M. Koster and Lieut. B. C. Blackburn, by Col. Edward Philips, Andover.

Election of officers.

"The Postwar Program of the New Jersey Council," by Fred Jackson, managing director, New Jersey Council.

REGIONAL MEETINGS OF SHADE TREE CONFERENCE.

Three regional meetings of members of the National Shade Tree Conference are scheduled during the months of December and January.

The eastern region will hold a meeting in conjunction with the annual meeting of the New Jersey Shade Tree Commissions, at Newark, December 8, at the Essex House. While the tentative plans call for only a one-day meeting, the program may be carried over to the forenoon of the second day.

The New England region is formulating plans to hold a meeting in conjunction with the Massachusetts Arborists' Association, at Worcester, January 5 and 6.

The central region is planning a meeting at Columbus, O., January 17, with the Ohio chapter of the National Shade Tree Conference as host. This meeting will be held the

PLAN NEW ENGLAND MEET.

At a meeting of the executive committee of the New England Nurserymen's Association held November 21, it was voted to hold the usual 3-day gathering, including the war conference and educational program, as the thirty-third annual convention of the organization. The dates will be February 1 to 3, and the place will be the Hotel Statler, Boston.

All meetings will be open to members only or guests invited by the president, with the second day devoted entirely to an educational program, announces Secretary Louis Vanderbrook.

GEORGIA DATE LATER.

The seventh annual meeting of the Georgia State Nurserymen's Association will be held January 10, a week later than previously announced in these columns. It will be held at the University of Georgia, at Athens, preceded by a get-together at the

VIBURNUMS

14 to 18 ins.

18 to 24 ins.

MOLLE LENTAGO DENTATUM

2-yr.-old seedlings for lining out.

Write for prices.

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Hinsdale, Ill.

VITEX MACROPHYLLA

Hardy Lilac Chaste Tree

Improved form over V. agnus-castus. More hardy, larger bloom spikes.

Per 10 Per 100

3 to 4 feet.....\$4.00 \$35.00

2 to 3 feet.....3.00 25.00

18 to 24 inches.....2.50 20.00

12 to 18 inches.....1.75 15.00

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Chase, Alabama



Who offers the nursery trade of this country the greatest line of rare trees and shrubs?

What is the only wholesale nursery list that shows the hardiness of each item?

Write for list 4344 and find out! But use your business stationery, as postcards will be ignored.

W. B. CLARKE & CO.

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SPREADING YEW

(Taxus cuspidata)

4 to 8-inch Rooted Cuttings

All originating from one parent plant which means these yews will be uniform in shape and size. Since heating difficulties limit operation of greenhouses, resulting in curtailed propagation, we urge you to order now.

\$6.00 per 100, \$47.50 per 1000, \$135.00 per 3000.

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Monroe, Mich.

MOUNT ARBOR NURSERIES

E. S. Welch, Pres. - Est. 1875 - Sheboygan, Wis.

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"One of America's Foremost Nurseries"

**FOR WINTER AND
SPRING OF 1944**

APPLE TREES, good assortment in leading varieties,

APPLE SEEDLINGS, Washington and Kansas-grown. Good supply straight roots for grafting, surplus No. 2 branched.

Large Assortment of
ORNAMENTAL TREES,
SHRUBS, EVERGREENS, VINES
and PERENNIALS.

Always pleased to receive want lists.

Ask for TRADE LIST

BUXUS SEMP. WELLER

(Weller's Hardy Northern Type)

Only Boxwood proven hardy in Northern States for Twenty Years

Without Ball Per 10 Per 100
6 to 8 ins. for hedging \$2.50 \$20.00
8 to 10 ins. for hedging 3.00 25.00
10 to 12 ins. for window boxes 4.00 35.00Lining-out grade, 1-yr., strong-rooted,
3 to 6 ins.,

\$7.50 per 100; \$60.00 per 1000

6 to 8 ins.,

\$10.00 per 100; \$85.00 per 1000

WELLER NURSERIES CO., Inc.

Holland, Mich.

Ask for our Perennial Catalogue

Wholesale Growers ofGrapes, Currants, Gooseberries,
Blackberries and Raspberries

Let us quote on your requirements

FOSTER NURSERY COMPANY, INC.

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Fredonia, N. Y.

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SCIONS FOR SALE****ILGENFRITZ**

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MICHIGAN



Wholesale growers of the best

Ornamental Evergreens,
Deciduous Trees,
Shrubs and Roses.

Write for our current trade list.

THE KALLAY BROTHERS CO.
Palmsville, Ohio**FALL PLANTING OF EVERGREENS**Per 100
1 yr. Transplanted Grafts, 10 to 12 ins. \$35.00
2 yr. Transplanted Grafts, 12 to 18 ins. 50.00
4 yr. Twice Transplanted, B&B 80.00
Jun. Canadensis, Jun. Burki, Jun. Columnaris,
Jun. Dundee, Jun. Keteleeri, Jun. Globosa and
Jun. Pyramidalis.

Burton's Hill Top Nurseries, Cassata, Ohio

day before the regular short course for nurserymen, landscape gardeners and arborists at Ohio State University.

AMELANCHIER LAEVIS.

The amelanchiers are interesting and useful small trees or large shrubs for landscape planting. Among the most attractive and useful of the species is the Allegheny shadbush, Amelanchier laevis. This species is a small tree with spreading branches, up to twenty-five to thirty feet or more. In some nurseries it is grown in a shrubby form with a number of stems from the base.

The Allegheny shadbush is native of the territory from Newfoundland to Georgia and Alabama, and west to Michigan and Kansas. The leaves are glabrous, about one and one-half to two and one-half inches long, ovate oblong and sharply serrate. An interesting characteristic of the foliage is its purplish color as it unfolds in the spring. The buds are long and pointed, with relatively few bud scales. This feature and the gray bark are characteristic of most of the amelanchiers, especially the tree forms.

This species is one of the most attractive in bloom. Flowers are white, produced in drooping racemes in May, and are accompanied by the young, unfolding leaves. The purplish-black fruits ripen in June. The fruits are edible and are occasionally used for jelly. Birds take the fruit readily, and consequently the plant is often planted to provide bird food.

The Allegheny shadbush is hardy and is adapted to well drained soil. It can be used in sun or partial shade. In sun, a brilliant fall foliage color often occurs. Propagation is usually by seeds, but softwood cuttings can be used successfully.

The amelanchiers are used as small trees for the border, occasionally as specimens and for naturalizing or marginal planting in wooded areas.
L. C. C.**CATALOGUES RECEIVED.**

Lindley Nurseries, Greensboro, N. C.—Retail catalogue of fruit trees and ornamentals, 32 pages and cover, 4x9 inches.

Tom Dodd Nurseries, Semmes, Ala.—Wholesale catalogue of general nursery stock, featuring azaleas, camellias and magnolias, illustrated in color, 24 pages, 4x9 1/4 inches.

Carl Salbach, Berkeley 8, Cal.—Retail catalogue of gladioli, dahlias, begonias, vegetable and flower seeds, illustrated, 24 pages, 8 1/2 x 11 1/2 inches.

Harrison's Nurseries, Berlin, Md.—Retail catalogue of fruit and nut trees, small fruits, shrubs, shade and flowering trees, 48 pages, 6 1/2 x 9 1/2 inches.

**CHINESE ELM
SEEDLINGS**

	Per 100	Per 1000
6 to 8 feet.....	\$10.00	\$80.00
5 to 6 feet.....	6.00	50.00
4 to 5 feet.....	3.50	30.00
3 to 4 feet.....	2.40	20.00
2 to 3 feet.....	1.70	14.00
18 to 24 inches.....	1.20	10.00
12 to 18 inches.....	.85	7.00
6 to 12 inches.....	.50	4.00
300 same grade at 1000 rates		

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Progressive Nurserymen

Ottawa, Kan.

SILVER GLOW JUNIPER

Juniperus scopulorum

Silvery blue, almost dazzling, narrow sharply pyramidal to tip, compact, upright growing juniper; hardy. 30 feet. A pleasing, beautiful landscaping tree.

Junior sizes field-grown for nursery planting and specimens from 4 to 8 feet B&B.

VERHALEN NURSERY COMPANY

Scottsville, Texas

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**EVERGREENS**For Seventy-eight Years
Growers of Quality Evergreens
Lining-out Stock a Specialty
Write for Trade List**EVERGREEN NURSERY CO.**
Established 1864 : STURGEON BAY, WIS.

Book orders early.

SPECIMEN EVERGREENS**SNEED NURSERY COMPANY**

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Oklahoma City, Okla.

GRAFTED JUNIPERS

For spring 1944 delivery.

Also transplanted and
finished stock.**NICK'S NURSERY, Anchorage, Ky.****COLORADO BLUE SPRUCE**

Transplanted, grown wide apart and a very superior article, splendid shape and splendid roots.

6 to 9-inch.....\$10.00 per 100
9 to 12-inch..... 15.00 per 100
12 to 15-inch..... 18.00 per 100**TREADWELL NURSERY CO.**

Great Falls, Mont.

Pronouncing Dictionary

of Plant Names and Botanical Terms

64 pages, 3000 names, 25c per copy

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This Business of Ours

Reflections on the Progress and Problems of Nurserymen

By Ernest Hemming

REMINSICING.

When you can look back over the nursery industry in this country, at least in the east, for a matter of forty years or so, it starts you wondering why some businesses fail while others succeed, and others, again, after making a splendid record, go on the rocks.

Economics seems to be the controlling factor in most businesses, especially in manufacturing and merchandising, but economics, while important, does not appear to be the whole thing in our business or profession, whatever it may be called. Perhaps because it is a combination of manufacturing, merchandising and a little bit of everything else in the social setup, which makes it unique as a business.

It is noticeable that some of the most outstanding successes have been family affairs for two and three generations. If money making is the chief objective, it would be easy to choose a more likely business both for the proprietor and employees. It has been said the only way a nursery makes money is by locating near a growing city and having the city grow around it, the nursery providing a living and paying the taxes while waiting for the real estate to become valuable.

It does look as though some of the most notable nursery businesses evolved from the personality of the founder, lasting until the second and third generations.

Personality and, of course, management seem dominating factors in success, but, like the plants we grow, the factors that govern are never the same.

That our business is important is evidenced by the fact that the government takes such an interest in it, through experiment stations and government departments. So maybe it is not out of place if all of us do a little more thinking as to the why of success.

In our youth we were taught that business success depended upon certain set rules, such as honesty, hard work and common sense, whatever that may be. Later the scientific approach was believed essential, taking into consideration invested capital, publicity, market, costs, etc.

Personally I like to subscribe mentally to the philosophy that even the affairs of men in business are gov-

erned by laws as immutable as the laws of gravity—if we can discover them—and judging by the condition of the world we have sadly missed out by ignoring what might be termed the immutability of the spiritual laws on earth in government and business.

Humanity has broken loose from its old moorings, and it does look as if the horticultural world, being so close to the eternal verities, should play an important part in finding fresh ones. So let us do a little more of our own thinking. E. H.

BIRDS AND BERRIES.

Migrating birds going south for the winter cleaned up a fine crop of Photinia villosa berries in one night last month. We like the birds, but we also like the ornamental fruits on our shrubs and trees.

It reminds me of an amusing incident that happened on the old Meehan nursery at Germantown. It was customary for the men to assemble at the tool house at 7 a. m. and at 1 p. m., when the foreman would assign them work on different parts on the nursery. On this particular afternoon he sent two of the boys with baskets to gather a crop of berries on the white fringe, Chionanthus

virginicus, that the foreman had noticed were ripe and ready as he came in to dinner at 12 o'clock. The boys, after being away for some time, reported back that they could not find any. Thereupon the foreman had exploded. The boys were too dumb to know white fringe berries when they saw them, he declared. The berries were there when he came by them an hour ago; come along and he would show them. The birds had dined at the same time as the foreman. The boys grinned. E. H.

PLOWS IN NEW FORMS.

The comments on plowing by Ernest Hemming in the preceding issue were called to mind when it was asserted that the common moldboard plow, which for generations has been the farmer's implement for breaking the soil, may be relegated to a place of comparative unimportance in post-war agriculture, by Dr. Hugh H. Bennett, chief of the United States soil conservation service. The prediction was made when he told members of the third annual Friends of the Land conference, at Chicago, November 12 and 13, that new types of soil implements will be used to disrupt the farmer's topsoil without overturning it in the fashion of the common plow. Wartime restrictions on use of steel have delayed production of several such implements which have been devised.

A model of one such implement was exhibited by Dr. Bennett, a nearly flat, winged plow which breaks

CANADIAN HEMLOCK SEED

of this year's crop.

\$5.00 per lb.; \$45.00 per 10 lbs.; \$400.00 per 100 lbs.

Ask now for my contract prices for Apple, Plum, Cherry, Pear and other seedlings for fall 1944 and/or spring 1945.

J. H. BUSE

Seedling Grower

Leamington, Ont., Canada

HANSEN BUSH CHERRY

One of the fastest selling items for catalogue or agents, especially this year with the shortage of fruit tree stocks. A leading fruit plant and ornamental. We have a splendid lot of the Latest Improved Selections. We can supply many photos, cuts, colored prints, etc.

Size	Grade	Per 100	Per 1000
12 to 18 ins.	2-yr., branched.....	\$10.00	\$ 75.00
18 to 24 ins.	2-yr., branched.....	12.50	100.00
2 to 3 ft.	2-yr., branched.....	15.00	125.00
3 to 4 ft.	2-yr., branched.....	17.50	150.00
Super Grade, 2 to 3 ft.	3-yr., well branched..	25.00	200.00
Super Grade, 3 to 4 ft.	3-yr., well branched..	30.00	250.00

CARL A. HANSEN NURSERY

Brookings,
South Dakota

TRY SHERMAN'S NORTHERN-GROWN

Shade Trees
Specimen Evergreens
Evergreen Liners
Flowering Shrubs
Hardy Phlox
General Assortment of
Hardy Stock

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Charles City, Iowa

For Fall Shipment

LINING-OUT STOCK

American Arborvitae
Mugho Pine, compact type
Colorado Blue Spruce

ANDREWS NURSERY

Faribault, Minn.

LAKE'S SHENANDOAH NURSERIES

*Wholesale growers of
a fine assortment of*

GENERAL NURSERY STOCK

Shenandoah 2, Iowa

CORNUS FLORIDA RUBRA Pink Flowering Dogwood

Per 100
6 to 12 ins., 1-yr., pldd. roots. \$15.00
12 to 18 ins., 1-yr., pldd. roots. 22.50
18 to 24 ins., 1-yr., pldd. roots. 30.00
2 to 3 ft., 1-yr., puddled roots 37.50
2 to 3 ft., 2-yr., puddled roots 55.00
3 to 4 ft., 2-yr., puddled roots 70.00
4 to 5 ft., 3-yr., pldd. rts., ea. 1.00
5 to 6 ft., 3-yr., pldd. rts., ea. 1.50

Ask for Trade List.

BYERS NURSERY CO.

Chase, Ala.

We can supply
PINK FLOWERING DOGWOODS
In quantities.
Shall appreciate your want list.

**SOUTHERN
NURSERY & LANDSCAPE CO.**
Winchester, Tenn.

QUALITY NURSERY STOCK

Evergreen Seedlings and Liners
Hardy Northern-grown
Inquiries solicited

C. WILSON'S NURSERY Pembroke, Wis.

the soil of large farm fields much the same as a scuffle hoe in a home vegetable garden. It is drawn through the ground like a plow, at varying depths according to the crop to be planted, but rarely more than four inches below the surface. Instead of turning the soil over in furrows, it cuts parallel to the ground surface, allowing plant stubble from the previous crop to remain on the surface as a mulch.

Dr. Bennett revealed that in tests made in a semiarid district of Nebraska it was found that farm fields broken with the winged plow retained fifty-four per cent of the rainfall. Adjacent fields broken with a moldboard plow retained only 20.7 per cent of the rainfall.

Stubble mulching, a practice whereby the corn, small grain, hay and weed residues are disked into the topsoil rather than plowed under the surface, also will be more widely practiced by American farmers in the future, Dr. Bennett said.

C. C. SMITH HEADS IOWA HORTICULTURAL SOCIETY.

At the annual meeting of the Iowa State Horticultural Society, held at Ames, November 19, C. C. Smith was elected president. Secretary of the Sherman Nursery Co., Charles City, Ia., he has long been prominent in trade organizations and has been secretary and president of the state as well as the regional associations in that area.

R. S. Herrick was reelected secretary-treasurer for the twenty-fifth time.

Prominent speakers on the program were Dr. A. S. Colby, chief in small fruit culture at the University of Illinois; George Burkhardt, victory garden chairman of Nassau county, Mineola, N. Y., and Lieut. Col. Frank B. Hallagan, of the Selective Service, Des Moines.

BECAUSE of a change in the old neighborhood, William A. Beaudry & Associates sold the property at 4417 Michigan avenue, Chicago, Ill., and have removed to 932 East Fifth street, a restricted residential district, where they have a show ground of 76x280 feet.

E. SAM HEMMING, of the Eastern Shore Nurseries, Inc., Easton, Md., who is president of the Maryland Nurserymen's Association, November 10 was presented with a son, Michael Everly Hemming, who by all the signs and portents promises to be a nurseryman, states Grandfather Ernest Hemming. Mother and son are reported to be doing fine.

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Price list on request.

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All slow-grown dense specimens. Red clay soil.
Priced by height and spread. 18x12 ins. to 24x24
ins. in unlimited quantities. Also large specimens
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BOXWOOD GARDENS
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CENTRAL CHAPTER MEETS.

Tax Expert the Speaker.

One of the best meetings of the current year of the Central California Nurserymen's Association was held at the Benjamin Franklin hotel, San Mateo, November 11. President Clyde Stocking presided for his last full meeting, and Charles Burr took good care of the secretary's duties.

The speaker of the evening was Percy Sackett, comptroller for the Spreckels Sugar Co. and a lecturer on taxes at the Golden Gate College, San Francisco. His specialty is taxation matters, and he discussed the subject in a thorough manner. He first told of the many complications and apparent contradictions that one meets in making a study of the tax laws, whether in reference to the simple return of the average man or the complicated calculations of large corporations.

Nurserymen, he said, were considered by the federal government, at least for tax purposes, as agricultural and therefore they were a favored group in the matter of reporting income taxes. (That, he said, was the case up to the time of his speaking, but he could not vouch for anything more than a few minutes at a time, for changes were being made in the laws every year and the courts were rendering new decisions every day. And each day the position of someone or something was changed accordingly.)

Nurserymen who are owners had until December of this year to file their estimated tax reports, he said, but employees of the nursery must have filed last September 15. The penalties for filing late are rather heavy. He gave examples of how savings are made by knowing the tax laws and mentioned the books of a florist whom he had helped out and who saved nearly \$100 by having the checking done. He suggested that everyone could well afford to engage a tax specialist to make out his report. The less of a bookkeeping system one had, the more important it would be to have a tax expert and not a bookkeeper or an attorney do the work.

Mr. Sackett told of some of the items deductible from gross income as usual and ordinary business expense items. Included in these was, to the surprise of many, the cost of attending such meetings as the one in which they were then sitting. He warned not to overdo on some items, but he added that if one were familiar with all of the deductible items he could often lower his income bracket and make a double saving

in taxes. All businessmen operating individually must file the long form, he said, if it includes the personal report or not, but if they file separate reports for business and personal taxes, then they may file the personal return on the short form if the income is in the proper limits.

Officers Elected.

The principal matter of association business was the election of the officers for the coming year. The nominating committee presented the following slate, which was unanimously elected: President, Jack McDonnell, McDonnell Nursery, Oakland; secretary-treasurer, Charles Burr, California Nursery Co., Niles; directors, James Wilson, Peters & Wilson, Millbrae; Jule Christensen, Christensen Nursery, San Francisco, and Harry Brock, Brock's Nursery, Berkeley.

Visitors introduced included Norman Myers, who formerly conducted the garden page of the San Francisco Examiner, and Frank Wilson, newly engaged landscape engineer with the Coast Nursery, Palo Alto.

The state nursery service came in for its monthly discussion. This time it was brought out that perhaps the use of the nursery license funds for the salaries of nursery inspectors was entirely illegal and that the money accumulated and subsequently collected could be used only for the purposes of directly advancing the nursery industry. It was suggested that these fees should be used to engage the services of a full-time secretary of the association, who would have offices at Sacramento and who would get over the state at regular intervals in the interest of the trade.

Plans were announced for the next meeting, which will be held at Niles. Niles was selected as the permanent place of meeting, at least for the duration, because while most places do not want meetings any more, the Florence restaurant at Niles does, and the food is better there. Niles is also well located for most of the nurserymen in the area. The December meeting will be a strictly stag affair, and some of the funds in the treasury will be applied to the entertainment. The date is December 9.

W. B. B.

PORTLAND CLUB MEETS.

The Portland Nursery Club presented the first of a series of ten educational meetings for nurserymen and invited guests Wednesday evening, November 17, at the Winter Gardens restaurant, Portland, Ore.

Speakers were Theodore Van

Veen, on "Modern Methods of Propagation"; J. G. Bacher, on "Blending Color in the Garden" and John Henny, on "Newer Varieties of Rhododendrons." Mr. Henny, of Brooks, Ore., has written a book on rhododendron culture and new varieties, and his talk was outstanding.

The next meeting of the club will be December 14. The attractive program for these meetings during the ensuing year is in the hands of a committee composed of Paul E. Doty, chairman, Avery H. Steinmetz and J. G. Bacher.

C. B. Lewis, Sec'y.

DANSVILLE, N. Y.

After dry weather early in autumn, an excessive amount of moisture has held up work in the nurseries. The firms here have been quite busy getting out shipments, and everyone is now hurrying to get his trees under cover for winter storage. A good snow has already fallen. From an Italian war prisoners' camp here the local nurserymen were able to obtain twenty prisoners, who have been employed by various firms, including Roberts Nursery Co., Elmer Van Auker, Charles McNair, Maloney Bros. Nursery Co. and Kelly Bros. Nurseries, each of the latter two employing ten at present.

William F. Kelly, of Kelly Bros. Nurseries, who was quite ill a year ago, having been confined to a hospital at Dansville and later at Rochester, feels like himself again and is on the job every day with his son, John W. Kelly.

Two brothers of the latter are in the army. Lieut. William F. Kelly, Jr., attached to the field artillery, is now at Fort Bragg, N. C., after

PACIFIC COAST NURSERY

2244 N. Skidmore Court
Portland 11, Oregon

Our seedlings are all sold for this season's delivery except some No. 2 and 3 apple; but if you want to be protected for your seedlings for fall of 1944, please send your order now so that we will know just how to make our planting to protect our customers. Prices will be in line with the other seedling growers that are set next July. We have Norway and Schwedleri Maples, Cut L. W. Birch, European W. Birch, Chinese Elm and Paul's S. Hawthorn. Nice trees in one and two-year-olds, for this winter's delivery. Please let us hear from you, Your old friend, John Holmason

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Fruit and Shade trees with vigorous roots and sturdy stems.
Flowering trees, Weeping trees.
Shrubs, Roses, Small fruits.

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graduating from Cornell University and receiving his commission at Fort Sill. First Lieut. Edward T. Kelly is in India, where he is attached to the air transport command. For the past several weeks he has been confined to the 181st general hospital in India as a result of a bad blow on the head, which injury might result in his being sent home for further treatment.

C. R. Burr and George Harris, of C. R. Burr & Co., Manchester, Conn., were here recently looking after the shipment of nursery stock grown on contract. Robert Mollison has been in these parts supervising shipment of stock for Lake's Shenandoah Nurseries, Shenandoah, Ia.

ROSE SOCIETY SECRETARY.

Dr. Ray C. Allen, of the department of horticulture at Cornell University, Ithaca, N. Y., is the new secretary of the American Rose Society, succeeding R. Marion Hatton, who died October 15. Dr. Allen, who will take up his new duties December 1, will move to Harrisburg, Pa., where he will reside at 3916 Derry street.

The American Rose Society has a new president, too, in the person of H. L. Erdman, director of horticulture for the famed Hershey Estates, at Hershey, Pa. Mr. Erdman will succeed A. F. Truex, Tulsa, Okla., January 1.

SOUTHWESTERN NEWS.

Luke B. Headrick, Eldorado, Kan., has closed his nursery for the duration and gone back to his former profession of teaching.

Dee J. Poole has been discharged from the army and has resumed the management of his nursery at Greeley, Colo. Mrs. Poole carried on in his absence.

The Priscilla Flower Shop, Wilson, Kan., has discontinued business.

Mrs. W. F. Ray, florist and nurseryman, Fort Worth, Tex., has changed her address to route 4, box 242.

John W. Blachly, nurseryman, formerly of Oklahoma City, Okla., is now located at Big Cabin, Okla., where he will continue in the nursery business.

C. D. "Bill" Wagoner, Wagoner Nursery, Hutchinson, Kan., has sold his nursery at Wichita, Kan., to H. C. Taylor, who will operate it under the name of Forest Hills Nursery.

George Fisher, extension forester for the state of Kansas, has joined the coast guard.

PORTLAND WHOLESALE NURSERY CO.

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whips to 3-yr. branched.
Finest Quality — Prices Reasonable.
Carload shipments early
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GOOD WESTERN-GROWN NURSERY STOCK

Fruit Tree Seedlings
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Grown right and packed right.

Combination carloads to Eastern
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Block of finished shade trees, caliper
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But we are temporarily sold up now on
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Another Tax Return

FILE AMENDED INCOME TAX RETURN THIS MONTH.

Commissioner of Internal Revenue Robert E. Hannegan has urged all taxpayers to determine if they are required to file either original or amended "declarations of estimated income and victory tax" on or before December 15.

Explaining that only a limited percentage of taxpayers need make any filing at this time, Mr. Hannegan suggested that everyone ascertain for himself whether he is affected. By far the largest percentage of taxpayers have no further filings to make until the annual income and victory tax return is due not later than March 15, 1944. However, some taxpayers who filed declarations in September have an installment to pay December 15, for which they will be sent bills by their local collectors of internal revenue.

In general, the filing of a declaration on or before December 15 will be required of the following:

1. Farmers who have sufficient income to require filing and have postponed filing under the special provisions of law which permit farmers to wait as late as December 15.

2. Persons who did file in September, but underestimated their tax by more than twenty per cent and who should, therefore, file amended declarations to avoid penalties.

3. Persons who did not file in September because their estimated income at that time was insufficient to require filing, but now come within any one of the following classes:

- a. Anyone who expects to have during the calendar year 1943 more than \$100 gross income from a source outside of wages which are subject to withholding and who also expects sufficient gross income to require filing an income tax return (\$500 for a single person, \$1,200 for a married couple, or \$624 for an individual married person).

- b. Any single person expecting wages of more than \$2,700 during the year.

- c. Any married person or any married couple expecting individually or together more than \$3,500 from wages during the year.

- d. Any person who was required to file an income tax return for 1942 and who expects his wages in 1943 to be less than in 1942.

There may be some taxpayers who filed declarations in September and paid one-half of the remaining tax estimated to be due, but who now

believe that the amount for which the collector will bill them in December is more than they should pay. These taxpayers may also file amended declarations correcting their previous estimates and recompute the amount of their installments to be paid in December. In such cases the amended declaration should be accompanied by the bill received from the collector, together with the remittance for any revised amount due December 15.

"The December 15 filing," Mr. Hannegan said, "is in reality a follow-up to the September 15 filing. Both filings were steps in the transition to the pay-as-you-go system of tax collection, in accordance with the current tax payment act of 1943.

"The purposes of the two filings are similar; the forms to be used are identical, and to some extent even the same taxpayers are affected. To understand the purpose of this type of filing, it is necessary to recall that the income and victory tax which is withheld from the wages of millions of taxpayers is not sufficient in many cases to pay the whole tax bill of the individual. This is true in cases in which taxpayers receive income from rents, dividends, business profits and other sources where no tax is withheld. Tax is withheld only from wages. The withholding also is insufficient when a person's income is high enough to be affected by the graduated surtax rates beyond the

first tax bracket. In other words, the withholding system keeps the average taxpayer paid up only to the extent of an approximate minimum tax.

"For these reasons, Congress enacted provisions by which taxpayers who are not kept paid up to date by the withholding system would be brought closer to the ideal of pay-as-you-go. In September, all taxpayers in this class—except farmers—were required to estimate their tax for the year and, after taking credit for taxes already paid, withheld and to be withheld, to pay at least one-half of the balance. Those who must file in December will make their estimates on the same basis and pay the entire balance. The filing will be new to farmers who waited until now to file and also to those taxpayers who failed to file in September because their expected income was below the filing requirements but who now anticipate larger incomes sufficient to require the filing of declarations.

"I want to say a special word," Mr. Hannegan emphasized, "to those who filed in September. Any taxpayer who filed in September and who believes that his estimated tax is not substantially underestimated need not file any new or amended declaration this year. The correct tax will, of course, be determined on the annual tax return which will be filed, as usual, on or before March 15, 1944.

"However, I should like to emphasize to the persons who filed declarations in September that they should clearly understand the law imposes a penalty against any taxpayer whose

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Paragon Sprayer No. 3 has wide steel wheel rims and low-hung container; it stands steady on uneven ground. Oversize air chamber assures greater pressure, more uniform spray. Extension pipes and hose are longer, covering more area from one position. Agitator prevents solution from settling or clogging. Ten days trial will convince you or cost you nothing. Ceiling price, delivered, only \$25.95. Air gauge is extra. Buy from your dealer or mail the coupon today.



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estimated tax is below the allowable twenty per cent margin of error, unless an amended declaration is filed on or before December 15, which brings the estimate within the permissible margin of error. In other words, if a taxpayer has reason to believe that he underestimated his tax payments in September by a wide enough margin to cause a penalty, he should file an amended declaration which will be a more accurate estimate so that he will not be liable for a penalty. I have no desire to levy unnecessary penalties, and therefore I want taxpayers to understand clearly how to prevent them.

"Amended declarations," Mr. Hanegan explained, "are made on the same type of form as the original declarations and are distinguished only by writing the word 'amended' at the top of the front page. Therefore, anyone who must file an amended declaration will find the procedure exactly as it was in September."

Persons having forms left over from September may use the forms they already have. Persons needing new copies will be supplied promptly upon application to any collector of internal revenue. The declaration form itself, numbered 1040ES, is the only form actually to be filed with the collector. In addition, the taxpayer has the choice of two work sheets, from which he can calculate the figures to be copied on the declaration form. One work sheet is a simplified version that may be used by anyone who wishes to approximate the tax on any income up to \$10,000. The other work sheet is longer and may be used by anyone who desires to make a more precise estimate of his tax. Persons using this long form should deduct all of the postwar credit for victory tax, in accordance with a recent act of Congress putting the credit on a current rather than postwar basis. On the simplified form, no change is necessary because the form already assumed the taxpayer was eligible for current credit.

FOOD MACHINERY BUYS NIAGARA SPRAYER CO.

Controlling interest in the capital stock of Niagara Sprayer & Chemical Co., Middleport, N. Y., owned by the late Alfred H. Schoellkopf, has been purchased by Food Machinery Corp., San Jose, Cal.

Paul L. Davies, president of Food Machinery Corp., states that the Niagara Sprayer & Chemical Co. will be operated as a separate unit of



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Make War Bonds the Christmas Order of the Day. Urge your workers to make their personal Christmas gifts in the form of War Bonds—and practice what you preach, yourself! Make this a 100% War Bond Christmas—to insure future Yuletides of peace and prosperity.

Make up your own posters to spread the "War Bonds for Christmas" story across your plant. Tell the story again and again on bulletin boards, in plant magazine, and pay envelope stuffers.

But don't forget your basic, all-important Pay-Roll Savings Plan. How's it going? Perhaps it needs a bit of stoking-up right this very minute, to hold its full head of steam against the competitive demands of the holiday season.

Well, you're the man to stoke it! You can't expect it to keep running indefinitely on last summer's enthusiasm. See to it that your participation percentages, and your deduction percentages, both end up the year at new levels.

Every month, now your Pay-Roll Savings ought to run well ahead of the preceding month. For so many families that formerly depended on the earnings of a single worker, now enjoy the combined earnings of several. Such family incomes are doubled, trebled, even multiplied many times.

Now's the time to turn as much as possible of these increased earnings into War Bonds—War Bonds for Christmas, and War Bonds the whole year 'round!

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Metal Barrows. Deep Tray, Iron Wheel, \$14.50; 5 cu. ft. heaped.

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Food Machinery Corp. and will continue to serve its regular trade and territories. No change will be made in the officers or management of the company's headquarters factory at Middleport, N. Y., or its branches in Jacksonville, Fla., and Burlington, Ont., Canada. J. B. Cary, president and general manager; Ernest Hart, vice-president and sales manager, and B. Earle Vosteen, secretary and treasurer, will continue as officers and directors of the company.

Food Machinery Corp. controls another well known firm, John Bean Mfg. Co., sprayer manufacturer.

Original "COTTONETTE" NURSERY SQUARES

Save time, labor and twine in balling. Sizes in stock from 12x12 ins. to 40x40 ins. Used by leading Nurseries. Write for prices.

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Pay for themselves. Ideal windbreaks and fuel savers. Long lasting. 6 1/2 ft. wide, price, 50 ft., \$12.75; 100 ft., \$26.00; 150 ft., \$39.00.

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Write for prices stating quantities you can use.

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122 Chambers St., New York 7, N. Y.
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Victory Gardens

GARDEN CONFERENCE.

The national victory garden conference held November 16 and 17 at the Hotel Blackstone, Chicago, to discuss experiences of the past season and to plan for more and better victory gardens in 1944, was well attended.

Paul Stark, president of the National Victory Garden Institute, under whose auspices the meeting was held, opened the program with a short talk on "The Food Front for 1944," and H. W. Hochbaum, chairman of the national victory garden committee of the United States Department of Agriculture, spoke on "The Victory Garden Program and Goals for 1944."

The luncheon program November 16 featured Governor Dwight H. Green, Mayor Edward J. Kelly and M. L. Wilson, director of the extension division of the War Food Administration.

Contributing to the subsequent program were several seedsmen, and

R. P. White, executive secretary of the American Association of Nurserymen, told of his organization's contribution. Also in attendance were Eugene S. Boerner, Newark, N. Y., a trustee of the institute, and Robert Pyle, West Grove, Pa.

"The Nurserymen's Contribution to the Victory Garden Program" was the subject of the talk by Richard P. White, who outlined the trade's participation as follows:

"The nurserymen, several thousand strong, have made several contributions to the victory garden program since its inception. Skipping over its contributions during 1941 and 1942, I want to give to you a bird's-eye view of their 1943 contributions.

"(1) Donation of victory garden sites.—In several instances known to us and others probably unknown, nurserymen with land adjacent to urban communities have donated land, already prepared and in some cases fertilized, ready for planting, to townspeople who either had no available land or who, quite rightly and in accordance with prescribed principles of the USDA, wished to maintain their turf and ornamental plantings about their homes. The actual acreage involved is not known, but it is safe to say it was substantial, accounting for several hundred productive gardens that otherwise would not have been.

"(2) Production of vegetable plants.—Realizing that victory gardeners, in general without facilities for growing vegetable seedlings for transplanting, would be demanding transplants in unprecedented quantities, the nurserymen and florists, best equipped to meet this need of any cooperating group, stepped in and turned over a large percentage of their facilities and ever-shrinking manpower to this task. Combined, it is conservatively estimated that these two horticultural industries produced and distributed slightly over 500,000,000 plants of tomato, cabbage, pepper, eggplant, etc., in the 1943 spring planting season. What other agencies could have filled this need, which the florists and nurserymen of the country met in thousands of communities?

"(3) Service.—Nurserymen, ever since the defense garden program was talked about and the victory garden program launched, have been giving their time and substance to the furtherance of the program. Through their headquarters office in Washing-

ton liaison has been maintained with the headquarters of the victory garden program.

"Through Paul Stark, president of the Victory Garden Institute and one of our outstanding nurserymen of the country, and Andrew Wing, secretary, we have maintained constant liaison with the institute. Through our state chapters and associations the victory garden program has been carried, in a supplementary way to the federal and institute programs, to thousands of communities and to hundreds of thousands of individuals by personal contact.

"Forty concerns, with a catalogue distribution approximating 8,000,000, and undoubtedly many others not known to us, have used the victory garden emblem in a prominent location, and several have devoted printed space to the program within the covers.

"The A. A. N. has printed and distributed 24,800 copies of a little booklet, 'Planting a Fruit Garden,' [Concluded on page 26.]

Send for New Seed List.

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SEEDS — PLANTS — BULBS
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North Dakota and Montana Seeds

Northern-grown Tree, Shrub and Wild
Flower seeds. Wholesale crude botanicals.

E. C. MORAN Stanford, Mont.

JUNIPERUS SCOPULORUM SEED

Field run, 60¢ per lb.

Sifted seed, over 1/4-inch mesh screen,
\$1.00 per lb. F.O.B. Missoula, Montana.

W. E. McMURRY

Sunset Nursery Missoula, Mont.

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Nursery Foreman—capable, experienced, thorough knowledge of nursery stock propagation, transplanting, digging. A good permanent position for right man, with 50 acre modern nursery in Eastern Massachusetts. State qualifications fully, age, draft status, and salary desired. Address No. 280, American Nurseryman, 843 S. Dearborn St., Chicago, Ill.

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Experienced for essential employment; high wages and steady work; write giving age, draft classification and experience.

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WANTED

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Either new or second-hand. Please state best cash price.

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NURSERIES**

Bowmanville, Ontario, Canada

HELP WANTED—Experienced nursery worker; excellent wages; year round steady work for the duration and after the war. Write or call E. K. Ribsam Nurseries, Inc., P. O. Box 100, Trenton 1, N. J.

HELP WANTED—Propagator, by a midwestern firm, one who can start evergreens, perennials and other ornamentals in propagating house and cold frames. Address No. 279, care American Nurseryman, 843 S. Dearborn St., Chicago 4, Ill.

SITUATION WANTED—Sales work: will close my nursery December 1, 1943. Will have December, January, February up to March 15, 1944. Address No. 278, care American Nurseryman, 843 S. Dearborn St., Chicago 4, Ill.

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EVERGREENS.	
Andorra Juniper, 18 to 24 ins., each.....	\$1.00
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Pfitzer Juniper, 24 to 30 ins., each.....	1.05
30 to 36 ins., each.....	2.00
English Juniper (better than Irish)	
3 to 4 ft., each.....	1.05
5 to 6 ft., well trimmed, each.....	2.50
Lalandi Thorn, 4 ft., br., each.....	1.50
Chinese Elms, 6 to 8 ft., each.....	.60
8 to 10 ft., each.....	1.00

F.o.b. Nashville. Packing at cost.
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12 to 15 ins.	\$1.00
15 to 18 ins.	2.00
18 to 24 ins.	3.00

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American Arborvitae, s., 4 to 6 ins.	2.00
Austrian Pine, s., 8 to 10 ins.	2.50
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Hemlock transplants, strong rooted. Write for
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Hardy Early English Chrysanthemum stock
plants, 2 each of 20 varieties, \$10.00; 2 each of
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Doronicum divisions, \$2.00 per 100; Double
Russian Violets, \$10.00 per 100; Double Painted
Daisies, large divisions, \$10.00 per 100; 2-yr. Scott
Elliott Columbines, \$10.00 per 100.
Smith Gardens, Clarkston, Wash.

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Juniper grafts, from 2½-inch pots worked on
Red Cedar. Ready April and May. Ask for assort-
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Magnolia Grandiflora, 2-yr. seedlings, packed
f.o.b. Van Buren. Per 100: 4 to 5 ins., \$6.00;
8 to 12 ins., \$10.00; 12 to 24 ins., \$20.00.
Harwell Nursery, Van Buren, Ark.

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Peach Pits, \$2.50 per bushel. Peach, Plum,
Apricot, Apple, Pear, Cherry, Fig, Pecan, Wal-
nut trees. Grapevines.
Riverdale Nurseries, Riverdale, Ga.

CANADENSIS HEMLOCK SEED. 1942 crop. \$4.50
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lb. postpaid. N. S. HAYDEN, R. 2, Geriam, Me.

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1-yr.-old	\$0.25
1½ to 2 ft.50
2 to 3 ft.75
3 to 4 ft.	1.00
4 to 5 ft.	1.75

(Bushy plants.)

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Huntington Station, L. I., N. Y.

3000 to 4000 each: Bolleana and Lombardy
Poplars, Chinese Elm, Soft Maple, Red Oak,
American Ash in sizes 8 to 8 ft. and up to 16 ft.
in height. Wanted: Lining-out evergreens and
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Early-bearing bread-up budded and grafted
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Surplus Finished Landscape Stock at real bar-
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Hundreds of fine plants.
Retail and wholesale.
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Apple Trees, Jonathan, Golden Delicious, Red
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berta, Apricot, Pear, Chinese Elm, 10 to 12 ft.
Write for prices.

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WHITE FLOWERING DOGWOOD. A fine
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Nursery-grown.
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WANTED

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Ginkgo biloba
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Approximately 2½ to 1¼x1¼ ins., subject to prior
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bu. Assorted Cones for wreaths, \$1.75 per 100.
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over, \$2.00 per 100; larger, \$3.00 per 100. 10 bu.
of Slash Cones for \$11.00. Large Slash are being
used instead of longleaved cones. Hard, flat
Cones, approximately 2x2 ins. and over, these are
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Cones, 1¼ to 1½ ins., 25c for 80. Samples of
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Shipping slow. Cones scarce. Order early.

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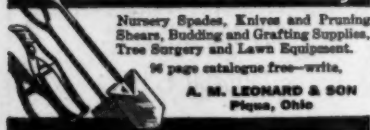
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"Nurserymen have served in various capacities on national, state and local victory garden committees. Nurserymen financed the victory garden harvest show program of 1942, and in 1943 served on several victory garden contest committees.

"(4) Production. — Nurserymen, too, have had victory gardens of their own. Although in most cases they were large, so that mechanical equipment could be used, they nevertheless were victory gardens if we define such a garden as one which would not have been planted were it not for the war. Three hundred acres of tomatoes, eighty acres of potatoes, fifteen acres of carrots are examples of the sizes of our victory gardens.

"Three hundred and thirty-seven concerns, only forty per cent of our entire membership, produced in 1943 sixty-two acres of drug and related plants, 900,000 pounds of peanut seed for pressing, 11,000 acres of cereal grains, 4,400 acres of vegetables for market and 1,000 acres of vegetables for the cannery.

"(5) In closing these remarks, I cannot leave unsaid my firm conviction that a truly complete victory garden is one in which vegetables, fruit-bearing plants and ornamentals are skillfully and effectively blended."

BOSTON AUTUMN SHOW.

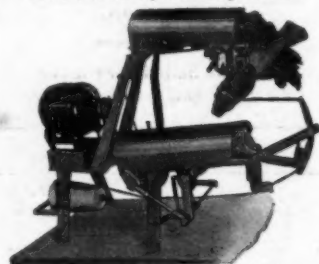
While most of the eleventh annual autumn show at Horticultural hall, Boston, Mass., November 4 to 7, comprised cut flowers and tender plants, the Cherry Hill Nurseries, West Newbury, Mass., exhibited a splendid group of berried shrubs, well arranged with a fine evergreen background. Paul Frost, Cambridge, had one of his artistic arrangements in this class, with water effects enhancing its charm.

For a collection of herbs, prizes went to the Bay State Nurseries, North Abington, and Garden-in-the-Woods, Sudbury. For a display of holiday wreaths composed of only natural native materials covering 100 square feet, Wilfred Wheeler was first and White Landscape Service, Brockton, second. For a similar group of gardens composed of berried and dry material, White Landscape Service was first.

Among the novelties in chrysanthemums exhibited at the show was the variety Madame Chiang Kai-shek, from Wayside Gardens, Mentor, O.

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The Modern Nursery, by Alex Laurie and L. C. Chadwick. Guide to propagation, culture and handling of plants. Discusses all phases of nursery management. 508 p. (1931)\$5.00

Nursery Sales and Management, by Nelson Coon. Buying, estimating, records, salesmanship, office routine, etc. 240 p. (1931)\$1.50

Nursery Cost Finding, by John Surtees. Procedure and data. 200 p. (1936)\$7.50

Estimating Charts, by John Surtees. Handy in estimating tree balls, excavation, areas, weights, etc., in landscape work. (1939)\$2.00

The Pruning Manual, by L. H. Bailey. Handbook of principles and practice of pruning trees, shrubs and vines. 408 p., 18th revised ed. (1926)\$3.50

Propagation of Plants, by M. G. Kains and L. M. McQuesten. Reference book for propagators in greenhouse and nursery. 570 p. (1942)\$3.50

Nursery Manual, by L. H. Bailey. Describes methods of propagation and lists plants with practice for each. 470 p., revised ed. (1920)\$3.50

Plant Propagation, by A. C. Hottes. Tells how to propagate indoor and outdoor plants, trees, shrubs and herbaceous perennials.\$2.00

Maintenance of Shade and Ornamental Trees and Shrubs, by P. P. Pirone. Up-to-date, original and comprehensive—on pruning, surgery, pest control and other care. 420 p. (1941)\$5.00

The Book of Trees, by A. C. Hottes. Helpful lists for various purposes. Treats transplanting, pruning and propagation. Describes important species. 448 p., 2nd revised edition. (1942)\$3.50

Our Shade Trees, by E. P. Felt. Revised and enlarged edition on care of trees. 320 p. (1942)\$2.00

Hill's Book of Evergreens, by L. L. Kumlien. Describes varieties, uses and culture. 320 p., 360 illustrations, 45 in full color. (1936)\$3.50

Cultivated Conifers, by L. H. Bailey. Systematic record of 1000 species and varieties. Discusses culture, propagation and uses. 404 p. (1933)\$7.50

Insect Enemies of Shade Trees, by Glenn W. Herrick. Illustrated with 350 photographs and drawings of insects and their work. 400 p. (1935)\$4.50

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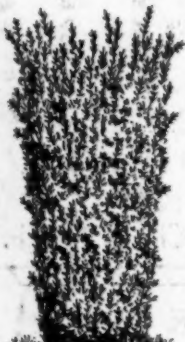
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The demand for Yews throughout the middle west continues strong with every indication that these trees are going to prove among the most popular ornamental stock in the future.

The Yews have been an important item with us for many years and we are now in position to furnish a choice assortment of leading popular and hardy types in good lining-out grades as follows:



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<i>Taxus cuspidata capitata</i> (Upright Japanese Yew)		
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6 to 8-inch x flats	\$16.00	\$140.00
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<i>Taxus cuspidata hatfieldi</i> (Hatfield Yew)		
	Per 100	Per 1000
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8 to 10-inch x flats.....	\$12.00	\$100.00
6 to 8-inch xx frames..	16.00	140.00
8 to 10-inch xx frames..	18.00	160.00
10 to 12-inch xx frames..	22.00	200.00
15 to 18-inch xx frames..	40.00	350.00

<i>Taxus cuspidata nana</i> (Dwarf Japanese Yew)		
	Per 100	Per 1000
8 to 10-inch xx frames.....	\$30.00

<i>Taxus cuspidata</i> (Spreading Japanese Yew)		
	Per 100	Per 1000
8 to 10-inch xx frames.....	\$22.00	\$200.00
10 to 12-inch xx frames..	24.00	220.00
12 to 15-inch xx frames..	26.00	240.00

<i>Taxus cuspidata browni</i> (Brown's Yew)		
	Per 100	Per 1000
6 to 8-inch xx frames.....	\$22.00	\$200.00
8 to 10-inch xx frames.....	24.00	220.00

<i>Taxus media</i> No. 1		
	Per 100	Per 1000
8 to 10-inch xx frames.....	\$22.00	\$200.00
10 to 12-inch xx frames..	24.00	220.00

<i>Taxus cuspidata nana pyramidalis hilli</i> (Hill Pyramidal Yew)		
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